Honeywell
THE POWER OF CONNECTED

Performance Additives

Product Selection Guide

Innovative and customized solutions
that meet your needs

Honeywell A-C® Specialty Additives

GRADE	PROPERTIES						
	TYPICAL PROPERTIES OF A-C POLYETHYLENES & COPOLYMERS	METTLER DROP POINT (ASTM D-3954)	HARDNESS DMM (ASTM D-5)	DENSITY G/CC (ASTM D-1505)	VISCOSITY CPS @ 140°C (BROOKFIELD)	ACID NUMBER MG KOH/G (ASTM D-1386)	PHYSICAL FORM
	HOMOPOLYMERS						
	A-C 3A	112°C 234°F	2.0	0.92	450	Nil	Powder
	A-C 6, 6A	106°C 223°F	4.0	0.92	375	Nil	Prills, Powder
	A-C 7	109°C 228°F	2.5	0.92	450	Nil	Prills
	A-C 8, 8A	113°C 235°F	1.0	0.93	450	Nil	Prills, Powder
	A-C 9, 9A, 9F	115°C 239°F	0.5	0.93	450	Nil	Prills, Powder, Fine Powder
	A-C 16, 16A	102°C 216°F	5.5	0.91	525	Nil	Prills, Powder
	A-C 617, 617A	101°C 214°F	7.0	0.91	180	Nil	Prills, Powder
	A-C 1810A	121°C 250°F	1.0	0.95	20	Nil	Powder
	A-C 820A	126°C 259°F	<0.5	0.96	80	Nil	Powder
	A-C 1702	90°C 194°F	98.0 (1)	0.88	30	Nil	Greased-like, Slab
	OXIDIZED HOMOPOLYMERS						
	A-C 629, 629A	101°C 214°F	5.5	0.93	200	15	Prills, Powder
	A-C 656	98°C 208°F	9.0	0.92	185	15	Prills
	A-C 673A, 673P	110°C 230°F	<1.0	0.95	400	17	Powder, Pastilles
	A-C 680, 680A	108°C 226°F	1.5	0.93	250	16	Prills
	A-C 6702	88°C 190°F	90.0(1)	0.85	35	15	Grease-like
	A-C 680PA, 680P	108°C 226°F	<1.0	0.93	450	17	Powder, Pastilles
	HIGH-DENSITY OXIDIZED HOMOPOLYMERS						
	A-C 307, 307A	140°C 284°F	<0.5	0.98	85000(2)	7	Granule, Powder
	A-C 316, 316A	140°C 284°F	<0.5	0.98	8500 (2)	16	Granule, Powder
	A-C 325	136°C 277°F	<0.5	0.99	4400 (2)	25	Granule
	A-C 330	137°C 279°F	<0.5	0.99	3600 (2)	30	Granule
	A-C 392	138°C 280°F	<0.5	0.99	4500 (2)	30	Granule
	A-C 395, 395A	137°C 279°F	<0.5	1.00	2500 (2)	41	Granule, Powder
	COPOLYMERS/ ETHYLENE-ACRYLIC ACID						
	A-C 540, 540A	105°C 221°F	2.0	0.93	575	40	Prills, Powder
	A-C 580	95°C 203°F	4.0	0.94	650	75	Prills
	A-C 5120	92°C 198°F	8.0	0.94	650	120	Prills
	COPOLYMERS/ETHYLENE-VINYL ACETATE						
	A-C 400, 400A	92°C 198°F	9.5	0.92	595	13% Vinyl Acetate	Prills, Powder
	A-C 405S	94°C 201°F	7.0	0.92	600	10.5% Vinyl Acetate	Prills
	A-C 405M	100°C 212°F	5.0	0.92	600	8.5% Vinyl Acetate	Prills
	A-C 405T	102°C 216°F	4.0	0.92	600	6% Vinyl Acetate	Prills
	OXIDIZED COPOLYMER						
	A-C 645P	100°C 212°F	5.0	0.94	375	13 (SAP=56)(3)	Pastilles

GRADE	PROPERTIES					
	ACLYN® LOW MOLECULAR WEIGHT IONOMERS	MELTING POINT (4)	CATION TYPE	ACID NUMBER MG KOH/G (ASTM D-1386)	VISCOSITY CPS @190°C (BROOKFIELD)	PHYSICAL FORM
	ETHYLENE MALEIC ANHYDRIDE COPOLYMERS					
	AClyn 201*, 201A*	102°C 215°F	Ca	42	5500	Granule, Powder
	AClyn 285*, 285A*	82°C 180°F	Na	20	80000	Granule, Powder
	AClyn 295*, 295A*	99°C 210°F	Zn	Nil	4500	Granule, Powder

*Make to Order Product

GRADE	PROPERTIES						
	ACUMIST® MICRONIZED POLYOLEFIN WAXES	METTLER DROP POINT (ASTM D-3954)	HARDNESS DMM (ASTM D-5)	DENSITY G/CC (ASTM D-1505)	AVERAGE PARTICLE SIZE MICRONS	ACID NUMBER MG KOH/G (ASTM D-1386)	PHYSICAL FORM
	PE MICRONIZED WAXES						
	ACumist A-6*	137°C 279°F	<0.5	0.99	6	26-40	Micronized Powder
	ACumist A-12	137°C 279°F	<0.5	0.99	12	26-40	Micronized Powder
	ACumist A-18*	137°C 279°F	<0.5	0.99	18	26-40	Micronized Powder
	ACumist A-45*	137°C 279°F	<0.5	0.99	30	26-40	Micronized Powder
	ACumist B-6	126°C 259°F	<0.5	0.96	6	Nil	Micronized Powder
	ACumist B-9*	126°C 259°F	<0.5	0.96	9	Nil	Micronized Powder
	ACumist B-12	126°C 259°F	<0.5	0.96	12	Nil	Micronized Powder
	ACumist B-18*	126°C 259°F	<0.5	0.96	18	Nil	Micronized Powder
	ACumist C-5*	121°C 250° F	1.0	0.95	5	Nil	Micronized Powder
	ACumist C-12*	121°C 250° F	1.0	0.95	12	Nil	Micronized Powder
	ACumist C-18*	121°C 250°F	1.0	0.95	18	Nil	Micronized Powder
	ACumist D-5*	118°C 244°F	1.5	0.95	5	Nil	Micronized Powder
	ACumist D-9	118°C 244°F	1.5	0.95	9	Nil	Micronized Powder
	PTFE MICRONLZED WAX BLENDS(5)						
	ACumist 3105*	121°C 250°F	1.0	0.98	5	Nil	Micronized Powder
	ACumist 3205*	121°C 250°F	<0.5	1.1	5	Nil	Micronized Powder

*Make to Order Product

GRADE	PROPERTIES						
	MODIFIED OLEFIN PRODUCTS	METTLER DROP POINT (ASTM D-3954)	HARDNESS DMM (ASTM D-5)	DENSITY G/CC (ASTM D-1505)	VISCOSITY CPS @ 140°C (BROOKFIELD)	SAPONIFICATION NUMBER MG KOH/G	PHYSICAL FORM
	ETHYLENE MALEIC ANHYDRIDE COPOLYMERS						
	A-C 573A, 573P	106°C 223°F	4.5	0.92	600	5	Powder, Pastilles
	PROPYLENE MALEIC ANHYDRIDE COPOLYMERS						
	A-C 596P	143°C 290°F	<0.5	0.94	<400 @ 190°C	43	Powder, Pastilles
	A-C 597P	143°C 290°F	<0.5	0.94	500 @ 190°C	80	Powder, Pastilles
	A-C 950P	153°C 307°F	<0.5	0.93	2000 @ 190°C	43	Pastilles

GRADE	PROPERTIES						
	POLYPROPYLENE HOMOPOLYMERS	METTLER DROP POINT (ASTM D-3954)	HARDNESS DMM (ASTM D-5)	DENSITY G/CC (ASTM D-1505)	VISCOSITY CPS @ 140°C (BROOKFIELD)	SAPONIFICATION NUMBER MG KOH/G	PHYSICAL FORM
	A-C 1089	146°C 295°F	<0.5	0.91	45	Nil	Powder

*Make to Order Product

Notes:
(1) ASTM D-1321
(2) Measured at 150°c
(3) Saponification No.. mg KOH/g
(4) Determined by Differential Scanning Calorimetry.
(5) Drop Point listed is the initial melt point of the PE Wax only. PTFE does not melt but will decompose above 615°F

Environmental Considerations

A-C polyethylenes and specialty additives are essentially inert and insoluble in water. Materials may be disposed of as non-hazardous solid organic waste. Spillage is not expected to cause adverse environmental effects.

Safety Precautions

A-C polyethylenes and specialty additives are non-hazardous at ambient temperatures. Consult Material Safety Data Sheets for complete information.

Packaging/Shipping

A-C polyethylenes and specialty additives are normally supplied in 25 kg four-ply kraft bags or 50 kg drums depending on the product. Products in bags are shipped on pallets. 40 bags to a pallet, net weight 1,000 kgs, and stretched-wrapped. Pallet loads are approximately 129.54 cm long, 111.76 cm wide, and up to 144.78 cm high, depending on product and bulk density. Bulk bags are available in a variety of sizes to meet customer requirements.

For additional information or to contacts us, please visit honeywell-additives.com

RESPONSIBLE CARE®
OUR COMMITMENT TO SUSTAINABILITY

Honeywell

2018 PA v4 A4 | January 2018