



PRODUCT SELECTION GUIDE

Innovative and customized solutions
that meet your needs



SOLSTICE SPECIALTY ADDITIVES PRODUCT LIST

		PROPERTIES						
GRADE	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 8, 8A	113°C/235°F	1.0	0.93	450	Nil	Prills, Powder	
	A-C 9, 9A	115°C/239°F	0.5	0.93	450	Nil	Prills, 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 820A	126°C/259°F	<0.5	0.96	80	Nil	Powder	
	A-C 725P	110°C/230°F	3.5	0.92	1400	Nil	Pastilles	
A-C 1702	90°C/194°F	98.0 ⁽¹⁾	0.88	30	Nil	Grease-like, Slab		
A-C 1375	106°C/223°F	3 - 5	0.92	375	Nil	Prills		
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 680, 680A	108°C/226°F	1.5	0.93	250	16	Prills, Powder		
A-C 6702P	88°C/190°F	90.0 ⁽¹⁾	0.85	35	15	Grease-like		
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		
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 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		

		PROPERTIES				
GRADE	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
	HOMOPOLYMERS					
	ACLyn 285P*	82°C/180°F	Na	20	80000	Granule
	ACLyn 295P*, 295A*	99°C/210°F	Zn	Nil	4500	Granule, Powder

*Made to order product

		PROPERTIES					
GRADE	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 A18	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-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 D-6*	118°C/244°F	1.5	0.95	6	Nil	Micronized Powder
ACumist D-9	118°C/244°F	1.5	0.95	9	Nil	Micronized Powder	
ACumist P-5*	145°C/293°F	<0.5	0.91	5	Nil	Micronized Powder	

* Make to Order Product

		PROPERTIES					
GRADE	MODIFIED OLEFIN PRODUCTS	METTLER DROP POINT (ASTM D-3954)	HARDNESS DMM (ASTM D-5)	DENSITY G/CC (ASTM D-1505)	VISCOSITY CPS @ 190°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 @ 140°C	5	Powder, Pastilles
	PROPYLENE MALEIC ANHYDRIDE COPOLYMERS						
	A-C 596P	143°C/290°F	<0.5	0.94	150 @ 190°C	43	Pastilles
	A-C 597P	143°C/290°F	<0.5	0.94	350 @ 190°C	80	Pastilles
	A-C 950P	153°C/307°F	<0.5	0.93	2000 @ 190°C	43	Pastilles
	A-C 907P	152°C/306°F	<0.5	0.93	350 @ 190°C	87	Pastilles
	A-C 1325P	149°C/300°F	<0.5	0.92	1600 @ 190°C	18	Pastilles

		PROPERTIES					
GRADE	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 1754	163°C	0.5	0.89	750	Nil	Powder

Notes:

- (1) ASTM D-1321
- (2) Measured at 150°C
- (3) Saponification value - mg KOH/g
- (4) Determined by differential scanning calorimetry

ENVIRONMENTAL CONSIDERATIONS

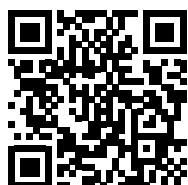
A-C polyethylenes and specialty additives are essentially inert and insoluble in water. Materials may be disposed of as non-hazardous solid organic waste. Spillage is not expected to cause adverse environmental effects.

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 paper bags, 25 kg polyethylene plastic 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 More Information Visit

solstice.com

Solstice Advanced Materials Inc.

115 Tabor Rd. | Morris Plains, NJ 07950



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