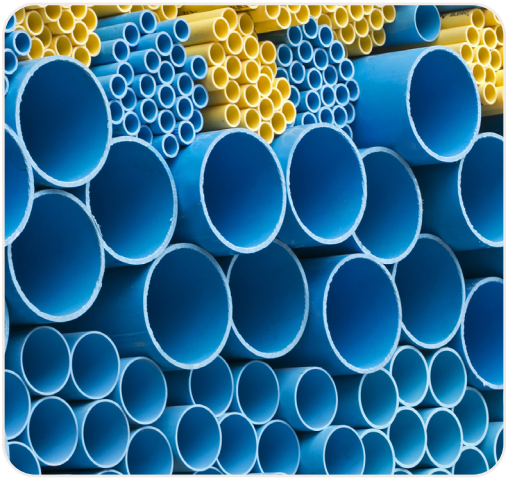
Solstice

PRODUCT SELECTION GUIDE

Innovative and customized solutions that meet your needs









SOLSTICE SPECIALTY ADDITIVES PRODUCT LIST

GRADE	TYPICAL PROPERTIES						
	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
	POLYETHYLENE 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)	4.0	0.92	375	Nil	Prills
	OXIDIZED LOW-DENSITY POLYETHYLENE 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
	OXIDIZED HIGH-DENSITY POLYETHYLENE HOMOPOLYMERS						
	A-C 307, 307A	140°C (284°F)	<0.5	0.98	85000[2]	7	Granules, Powder
	A-C 316, 316A	140°C (284°F)	<0.5	0.98	8500[2]	16	Granules, Powder
	A-C 325	136°C (277°F)	<0.5	0.99	4400[2]	25	Granules
	A-C 330	137°C (279°F)	<0.5	0.99	3600[2]	30	Granules
	A-C 392	138°C (280°F)	<0.5	0.99	4500[2]	30	Granules
	ETHYLENE-ACRYLIC ACID COPOLYMERS						
	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
	ETHYLENE-VINYL ACETATE COPOLYMERS						
	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 ETHYLENE-VINYL ACETATE COPOLYMERS						
	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
	AClyn 285P*	82°C (180°F)	Na	20	80000	Granules
	AClyn 295P*, 295A*	99°C (210°F)	Zn	Nil	4500	Pastilles, Powder

* Make to Order Product

GRADE	PROPERTIES						
MODIFIED OLEFIN PRODUCTS	METTLER DROP POINT (ASTMD-395)	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	45	Pastilles
A-C 597P	143°C (290°F)	<0.5	0.94	350	85	Pastilles
A-C 950P	153°C (307°F)	<0.5	0.93	2000	50	Pastilles
A-C 907P	152°C (306°F)	<0.5	0.93	350	87	Pastilles
A-C 1325P	149°C (300°F)	<0.5	0.92	1600	18	Pastilles

GRADE	PROPERTIES						
POLYPROPYLENE HOMOPOLYMERS	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
A-C 1754	163°C (326°F)	0.5	0.89	750	Nil	Powder

GRADE	PROPERTIES						
ACUMIST™ MICRONIZED POLYOLEFIN WAXES	METTLER DROP POINT (ASTMD-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
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 1812	139°C (282°F)	<0.5	0.99	26	16-19	Micronized Powder
ACumist B-6	126°C (259°F)	<1	0.96	6	Nil	Micronized Powder
ACumist B-12	126°C (259°F)	<1	0.96	12	Nil	Micronized Powder
ACumist B-18	126°C (259°F)	<1	0.96	18	Nil	Micronized Powder
ACumist D-6	118°C (244°F)	<2	0.94	6	Nil	Micronized Powder
ACumist D-9	118°C (244°F)	<2	0.94	9	Nil	Micronized Powder
ACumist P-5	145°C (293°F)	<0.5	0.91	5	Nil	Micronized Powder
ACumist P-10	145°C (293°F)	<0.5	0.91	10	Nil	Micronized Powder

Notes:

(1) ASTM D-1321

(2) Measured at 150°C

(3) Saponification No.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. **Bulk bags are available in a variety of sizes to meet customer requirements.**

For More Information Visit
www.solstice.com
Solstice Advanced Materials Inc.
115 Tabor Rd. | Morris Plains, NJ
07950

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