Westlake EMAC® SP1402 Specialty Copolymer (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Compounding Grade

Material Notes:

EMAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVdC, unplasticized PVC and other polar polymers. For use as heat seal layer, adhesive layer, or modifier for cost/performance enhancement. They are soft, pliable and tough at ambient and freezing temperatures and exhibit excellent ESCR. These polymers exhibit high solids fillability and compatibility with a wide range of polymers. This facilitates their uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. EMAC resins process like LDPE.Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Westlake-EMAC-SP1402-Specialty-Copolymer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in³	ASTM D1505
Methyl Acrylate Content	10 %	10 %	
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 190 °C	20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	48	48	ASTM D2240
Tensile Strength at Break	9.00 MPa	1310 psi	500mm/min; ASTM D638
Elongation at Break	475 %	475 %	500mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	95.0 °C	203 °F	DSC
Vicat Softening Point	71.0 °C	160 °F	1kg load; ASTM D1525
Brittleness Temperature	<= -60.0 °C	<= -76.0 °F	ASTM D746

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