

Kuraray SEPTONÂ® CM1 Compatibilizer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Description: SEPTONÂ® is a series of high performance thermoplastic rubbers developed by Kuraray Co. Ltd. using its isoprene technology. SEPTONÂ® resins are a series of hydrogenated styrenic block copolymers, which exhibit rubber-like properties over a wide range of temperatures. SEPTONÂ®'s characteristics include:Excellent Mechanical PropertiesGood WeatherabilityExcellent Low Temperature PropertiesExcellent Electrical PropertiesSuperior Heat ResistanceExcellent Chemical ResistanceLow ToxicitySEPTONÂ® grades are available with a range of Shore A hardness of 35-95 and tensile strengths of 290-5600 psi. SEPTONÂ® resins are highly extendible with fillers, resins and oils, which allows formulation of a variety of hardness for adhesives, sealants and various compounds. As an additive, SEPTONÂ® resins can be used to improve toughness of a variety of plastics. Several SEPTONÂ® grades have U.S. FDA and USP Class VI approval. SEPTONÂ® has a versatile series of grades which can be used in numerous processing techniques such as blow molding, injection molding, extrusion, hot melt and solution coatings. SEPTONÂ® resins are thermoplastics therefore, the scrap is recyclable without significant loss of properties. Formulation (parts by weight): ABS - 70, PP (Block Copolymer) - 30, SEPTONÂ® 2104 - 0 Information provided by The Kuraray Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kuraray-SEPTON-CM1-Compatibilizer.php

Mechanical Properties	Metric	English	Comments
Flexural Modulus	2.04 GPa	296 ksi	
Izod Impact, Notched	1.67 J/cm	3.13 ft-lb/in	
	0.490 J/cm	0.918 ft-lb/in	
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	

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