

LyondellBasell Hifax™ CA207A Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , Polyolefin

Material Notes:

Description: Hifax™ CA207A thermoplastic olefin resin is designed to reduce shrinkage and improve paint adhesion of PP compound. It is based on proprietary Basell process technology. All ingredients in "Hifax" CA207A resin meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada). Uses: Compounding Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hifax-CA207A-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.892 g/cc	0.0322 lb/in³	ASTM D792
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ASTM D2240
Tensile Strength, Yield	14.5 MPa	2100 psi	ASTM D 638
Elongation at Yield	23 %	23 %	ASTM D 638
Flexural Modulus	0.469 GPa	68.0 ksi	1% Secant, 0.05 in/min; ASTM D790
Izod Impact, Notched	NB	NB	73°F; ASTM D256

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