

LyondellBasell INDURE™ X210 TPO

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

Material Notes:

Description: INDURE™ X210 engineered polyolefin material is designed for large automotive exterior applications that require ductile impact properties at low temperatures, and processability. Applications: Bumper fascias, cladding. Information provided by Solvay Engineered Polymers. LyondellBasell acquired Solvay Engineered Polymers in 2008.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-INDURE-X210-TPO.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D792B
Linear Mold Shrinkage	0.011 - 0.013 cm/cm	0.011 - 0.013 in/in	as molded; ISO 294
Melt Flow	42 g/10 min	42 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	24.0 MPa	3480 psi	50 mm/min; ASTM D638
Flexural Modulus	1.30 GPa	189 ksi	80x10x4 mm specimen, 2 mm/min; ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	75.0 $\mu\text{m/m}\cdot^\circ\text{C}$	41.7 $\mu\text{in/in}\cdot^\circ\text{F}$	ASTM D696
	@Temperature -30.0 - 80.0 $^\circ\text{C}$	@Temperature -22.0 - 176 $^\circ\text{F}$	

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