

Covestro Texin® 245 Urethane Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP

Material Notes:

Key Features:UnfilledSuitable processing methods:Injection moldingInformation provided by Bayer Polymers.As of 1 September 2015, Bayer MaterialScience was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Texin-245-Urethane-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	8.00 MPa @Strain 50.0 %	1160 psi @Strain 50.0 %	
Elongation at Break	>= 50 %	>= 50 %	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	148 °C	298 °F	50°C/h 50N
Glass Transition Temp, Tg	-46.0 °C	-50.8 °F	10°C/min
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	UL Recognized

Processing Properties	Metric	English	Comments
Melt Temperature	205 °C	401 °F	Injection Molding
Mold Temperature	30.0 °C	86.0 °F	Injection Molding
Injection Pressure	45.0 MPa	6530 psi	

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