

Covestro Texin® 4215 Urethane Thermoplastic Elastomer

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

Material Notes:

Key Features: Unfilled Suitable processing methods: Injection molding Film extrusion Profile extrusion Sheet extrusion Information provided by Bayer Polymers. As of 1 September 2015, Bayer Material Science 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-4215-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	21.0 MPa @Strain 50.0 %	3050 psi @Strain 50.0 %	
Elongation at Break	>= 50 %	>= 50 %	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	115 µm/m-°C @Temperature 20.0 °C	63.9 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	108 °C	226 °F	
Deflection Temperature at 1.8 MPa (264 psi)	74.0 °C	165 °F	
Vicat Softening Point	140 °C	284 °F	50°C/h 50N
Glass Transition Temp, Tg	-35.0 °C	-31.0 °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	230 °C	446 °F	Injection Molding
Mold Temperature	35.0 °C	95.0 °F	Injection Molding
Injection Pressure	45.0 MPa	6530 psi	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China