

Covestro Texin® DP7-3008 Thermoplastic Polyurethane, Polyester-based, Aliphatic (discontinued **)

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

Material Notes:

Information provided by Bayer Corporation, Plastics DivisionAs of 1 September 2015, Bayer MaterialScience was separated from Bayer AG and has officially adopted its new name – Covestro. This product was discontinued prior to the separation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Texin-DP7-3008-Thermoplastic-Polyurethane-Polyester-based-Aliphatic-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength, Ultimate	34.0 MPa	4930 psi	ASTM D412
Tensile Strength, Yield	5.00 MPa	725 psi	50% Elongation; ASTM D412
Elongation at Break	350 %	350 %	ASTM D412
Flexural Modulus	0.120 GPa	17.4 ksi	ASTM D790
Resilience	30	30	% Bayshore Resilience; ASTM D2632
Tear Strength	90.0 kN/m	514 pli	Die C; ASTM D624
Taber Abrasion, mg/1000 Cycles	65	65	H-18 Wheel, 1000 g load, ASTM D3489

Thermal Properties	Metric	English	Comments
Vicat Softening Point	49.0 °C	120 °F	Rate A; ASTM D1525
Glass Transition Temp, Tg	-20.0 °C	-4.00 °F	DMA

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