

Covestro Texin® DP7-3006 Thermoplastic Polyurethane, Polyether-based, Aliphatic (discontinued **)

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyether 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-DP7-3006-Thermoplastic-Polyurethane-Polyether-based-Aliphatic-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87	87	ASTM D2240
Tensile Strength, Ultimate	31.0 MPa	4500 psi	ASTM D412
Tensile Strength, Yield	5.00 MPa	725 psi	50% Elongation; ASTM D412
Elongation at Break	425 %	425 %	ASTM D412
Flexural Modulus	0.0410 GPa	5.95 ksi	ASTM D790
Resilience	30	30	% Bayshore Resilience; ASTM D2632
Tear Strength	80.0 kN/m	456 pli	Die C; ASTM D624
Taber Abrasion, mg/1000 Cycles	60	60	H-18 Wheel, 1000 g load, ASTM D3489

Thermal Properties	Metric	English	Comments
Vicat Softening Point	50.0 °C	122 °F	Rate A; ASTM D1525
Glass Transition Temp, Tg	-55.0 °C	-67.0 °F	DMA

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