

PolyOne Geon® XV3811B Thermoplastic Elastomer - PVC/TPU (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Vinyl (PVC)

Material Notes:

Applications:Hose and TubingCustom ProfilesProcessing Method:Extrusion and MoldingExtrusion-ProfileInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-XV3811B-Thermoplastic-Elastomer-PVCTPU-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	15 sec; ASTM D2240
Tensile Strength, Ultimate	18.44 MPa	2675 psi	Type 4 - Flexibles, 20 in/min; ASTM D638
Elongation at Break	375 %	375 %	Type 4 - Flexibles, 20 in/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-43.9 °C	-47.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	171 - 177 °C	340 - 350 °F	Extrusion
	188 - 199 °C	370 - 390 °F	Molding

Descriptive Properties	Value	Comments
Product Form	Pellets	

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