

Barlog Plastics KEBAFLEX P D72.1 Polyester-Elastomer, Shore D75

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

Material Notes:

TPC-ET Information provided by BARLOG plastics GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Barlog-Plastics-KEBAFLEX-P-D721-Polyester-Elastomer-Shore-D75.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.016 cm/cm	0.016 in/in	ISO 294-4
Linear Mold Shrinkage, Transverse	0.017 cm/cm	0.017 in/in	ISO 294-4

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	
Tensile Strength at Break	39.0 MPa	5660 psi	ISO 527-1
Elongation at Break	>= 400 %	>= 400 %	ISO 527-1
Charpy Impact, Notched	1.60 J/cm ²	7.61 ft-lb/in ²	ISO 179-1eA

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	148 °C	298 °F	ISO 75-1/-2

Descriptive Properties	Value	Comments
Resin Type	TPC-ET	

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