

Denka REOMER G G5379 Thermoplastic Elastomer, For Extrusion

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Essentially a thermoplastic elastomer with the characteristics of PVC resin and rubber, with excellent rubber-like elasticity. Offers excellent rubbery characteristics, such as permanent compressive distortion, rebound elasticity, etc. compared to soft PVC, and excellent bending strength and ozone resistance compared to rubber. Applications: Automotive components]door moldings]weather-strips]glass run channel]side bumpers]gaskets]mud flaps]head rests]arm rests]steering wheel]trim]shift bar]boots]pedal pads]Construction material, manufacturing article home electric, appliance components]gaskets]airtight materials]container packing]packing for vacuum cleaners]hoses]tubes]For electric wire]appliance cords]cable tire

Order this product through the following link:

http://www.lookpolymers.com/polymer_Denka-REOMER-G-G5379-Thermoplastic-Elastomer-For-Extrusion.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	JIS-Z-8807
Evaporation Loss	1.7 %	1.7 %	JIS-A-5756

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	JIS-K-6301
Tensile Strength at Break	13.734 MPa	1992.0 psi	JIS-K-6723
Elongation at Break	320 %	320 %	JIS-K-6723
100% Modulus	0.007848 GPa	1.138 ksi	JIS-K-6723
Resilience	25	25	JIS-K-6301
Compression Set	54 %	54 %	JIS-K-6301

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-35.0 °C	-31.0 °F	JIS-K-6723

Descriptive Properties	Value	Comments
Bending Strength, Times, JIS-K-6301	over 100k	
Heating: Retention Rate of Elongation, %	99	100°C x 120 hrs
Heating: Retention Rate of Tensile Strength, %	104	100°C x 120 hrs
Oil Resistance: Retention of Tensile Strength, %	92	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	72	JIS-K-6723

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