

Denka REOMER G G8070 Thermoplastic Elastomer, For Injection Molding

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 moldingsweather-stripsglass run channelsside bumpersgasketsmud flapshead restsarm restssteering wheelstrimshift bar bootspedal pads[Construction material, manufacturing article home electric, appliance components]gasketsairtight materialscontainer packingpacking for vacuum cleanershosetubes[For electric wire]appliance cordscabtire

Order this product through the following link:

http://www.lookpolymers.com/polymer_Denka-REOMER-G-G8070-Thermoplastic-Elastomer-For-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	JIS-Z-8807
Evaporation Loss	2.8 %	2.8 %	JIS-A-5756

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	JIS-K-6301
Tensile Strength at Break	17.658 MPa	2561.1 psi	JIS-K-6723
Elongation at Break	335 %	335 %	JIS-K-6723
100% Modulus	0.006867 GPa	0.9960 ksi	JIS-K-6723
Resilience	32	32	JIS-K-6301
Compression Set	54 %	54 %	JIS-K-6301

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-47.0 °C	-52.6 °F	JIS-K-6723

Descriptive Properties	Value	Comments
Bending Strength, Times, JIS-K-6301	over 100k	
Heating: Retention Rate of Elongation, %	92	100°C x 120 hrs
Heating: Retention Rate of Tensile Strength, %	104	100°C x 120 hrs
Oil Resistance: Retention of Tensile Strength, %	95	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	86	JIS-K-6723

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