

## Denka REOMER G G3015 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 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 cordscabletire

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Denka-REOMER-G-G3015-Thermoplastic-Elastomer-For-Extrusion.php](http://www.lookpolymers.com/polymer_Denka-REOMER-G-G3015-Thermoplastic-Elastomer-For-Extrusion.php)

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in <sup>3</sup>	JIS-Z-8807
Evaporation Loss	4.0 %	4.0 %	JIS-A-5756

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	JIS-K-6301
Tensile Strength at Break	16.677 MPa	2418.8 psi	JIS-K-6723
Elongation at Break	400 %	400 %	JIS-K-6723
100% Modulus	0.0051012 GPa	0.73988 ksi	JIS-K-6723
Resilience	37	37	JIS-K-6301

Thermal Properties	Metric	English	Comments
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	JIS-K-6723

Descriptive Properties	Value	Comments
Heating: Retention Rate of Elongation, %	92	100°C x 120 hrs
Heating: Retention Rate of Tensile Strength, %	103	100°C x 120 hrs
Oil Resistance: Retention of Tensile Strength, %	95	JIS-K-6723
Oil Resistance: Retention Rate of Elongation, %	88	JIS-K-6723

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