

## Multibase Multi-Flex<sup>®</sup> D 3902 MRS TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

**Material Notes:**

Forms: Pellets Processing Methods: Injection Molding Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-D-3902-MRS-TPE-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-D-3902-MRS-TPE-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ASTM 792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	40	40	10 seconds; ASTM D2240
Tensile Strength, Ultimate	12.5 MPa	1810 psi	ASTM D638
Elongation at Break	640 %	640 %	ASTM D638
Flexural Modulus	0.234 GPa	34.0 ksi	1% Secant; ASTM D790
Tear Strength	87.7 kN/m	500 pli	ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-50.0 °C	-58.0 °F	ASTM D746
Flame Spread	16.5 mm/min	0.650 in/min	FM VSS-302

Descriptive Properties	Value	Comments
Fogging	Min. 90	SAE-J275

## Contact Songhan Plastic Technology Co.,Ltd.

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