

Taiwan Sheen Soon Sheenthane® A7090 Thermoplastic Polyurethane Elastomer

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

Material Notes:

Thermoplastic polyurethane elastomer for injection molding Information provided by Taiwan Sheen Soon Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Taiwan-Sheen-Soon-Sheenthane-A7090-Thermoplastic-Polyurethane-Elastomer.php

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 - 72	68 - 72	
Tensile Strength	17.7 MPa	2560 psi	
Elongation at Break	800 %	800 %	
100% Modulus	0.00245 GPa	0.355 ksi	
300% Modulus	0.00490 GPa	0.711 ksi	

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 180 °C	320 - 356 °F	

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