

Samyang Tramid[®] 210 Polyamide, General Purpose

Category : Polymer , Thermoplastic , Nylon

Material Notes:

Strong with excellent thermal resistance. Abrasion resistance, chemical resistance and oil resistance are excellent. 210 is a general purpose grade. Applications: Automotive gear level housing Connectors Cable ties Harness clips Tubes Fasteners Castor wheels Hose clips Vacuum hose Hood stay Information provided by Samyang.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samyang-Tramid-210-Polyamide-General-Purpose.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Water Absorption	1.4 %	1.4 %	ASTM D570
Linear Mold Shrinkage	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	85.3 MPa	12400 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Yield Strength	108 MPa	15600 psi	ASTM D790
Flexural Modulus	2.70 GPa	391 ksi	ASTM D790
Izod Impact, Notched	0.490 J/cm @Thickness 3.17 mm	0.918 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	262 Å°C	504 Å°F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	233 Å°C	451 Å°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	84.0 Å°C	183 Å°F	ASTM D648

Electrical Properties	Metric	English	Comments
Dielectric Strength	20.0 kV/mm	508 kV/in	ASTM D149

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China