

M. Holland Company SA500 Styrene Acrylonitrile

Category : Polymer , Thermoplastic , SAN Polymer

Material Notes:

High clarity Good processability High stiffness Applications: Color concentrates Compounding

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-SA500-Styrene-Acrylonitrile.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	23/23Å°C; ASTM D792
Melt Flow	26 g/10 min	26 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.8 MPa	6500 psi	ASTM D638
Elongation at Break	1.8 %	1.8 %	ASTM D638
Flexural Modulus	4.21 GPa	610 ksi	ASTM D790
Izod Impact, Notched	0.160 J/cm	0.300 ft-lb/in	ASTM D256

Optical Properties	Metric	English	Comments
Haze	0.40 %	0.40 %	ASTM D1003
Transmission, Visible	94 %	94 %	ASTM D1003

Descriptive Properties	Value	Comments
Acrylonitrile concentration %	28-31	
Forms	Pellets	
Processing Methods	Injection molding	

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