

Manufacturer: SINOPEC YUEYANG



PA6 YH 800

Product information			
Color	NC		
Material Shape	Pellets		
Process	Injection molding		
Viscosity	Medium viscosity		
Properties	Test Method	Unit	Typical Values
Physical			
Density	ISO 1183	g/cm ³	1.14
Shrinkage Flow 2.0mm	ISO 294	%	1.1
Shrinkage xFlow 2.0mm	ISO 294	%	1.4
Water Absorption 23°C 24hr	ISO 62	%	0.7
Rockwell Hardness R(Scale)	ISO 2039		73
Mechanical			
Tensile Strength 23°C	ISO 527	Mpa	60
Elongation 23°C	ISO 527	%	48
Flexural Strength 23°C	ISO 178	Mpa	87
Flexural Modulus 23°C	ISO 178	Mpa	2087
Charpy Notch Impact	ISO 179	KJ/m ²	6.4
Thermal			
HOT Unannealed 1.5MPa	ISO 75	°C	71
Electrical properties			
Volume Resistivity	IEC 60093	n.cm	1.5E14
Surface Resistivity	IEC 60093	n	2.4E13
CTI	IEC 60112	V	600

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