

Manufacturer: SHANDONG DAWN POLYMER CO LTD



GRPA6-130

Reinforced white nylon

Features

High strength, high impact

Applications

Injection molding, auto parts

Properties	Test Method	Test Condition	Unit	Typical Values
Physical				
Specific Gravity	ISO 1183, 2012	23'C	g/cm ³	1.37
Ash	ISO 3451-1	500'C, 2h	%	30
Mold Shrinkage	ISO 294-4:2001	23'C	%	0.3-0.6
Mechanical				
Tensile Strength	ISO 527-2, 2012	10mm/min	MPa	155
Flexural Strength	ISO 178, 2010	2mm/min	MPa	215
Flexural Modulus	ISO 178: 2010	2mm/min	GPa	8
Notched Charpy Impact Strength	ISO 180: 2006	23'C	KJ/m ²	14
Thermal				
Heat deflection temperature	ISO 75, 2004	1.50MPa	°C	200