

Technical Data Sheet

Icorene N6601-1200 NAT0000XX



Acrylonitrile Butadiene Styrene

Product Description

Icorene N6601 is premium quality easy flow ABS grade suitable for general purpose use and has very good resistance to impact and heat deflection. This grade is suitable for masterbatch applications.

Processing Method	Compounding
Attribute	High Flow; High Impact Resistance
Forms	Powder
Application	Masterbatch

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (220 °C/10.0 kg)	20	cm ³ /10 min	ISO 1133
Density	1.04	g/cm ³	ISO 1183
Mechanical			
Tensile Strain at Break, (50 mm/min)	10	%	ISO 527-2
Tensile Stress at Break, (50 mm/min)	45.0	MPa	ISO 527-2
Flexural Stress, (2.0 mm/min)	65.0	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	22	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	96.0	°C	ISO 306