

ABS 0646

ABS

Nizhnekamskneftekhim OAO

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength	43	MPa	ASTM D 638
Elongation at Break	45	%	ASTM D 638
Flexural Modulus	2300	MPa	ASTM D 790
Flexural Strength	65	MPa	ASTM D 790
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Coefficient of Thermal Expansion, MD	90	E-6/K	ASTM D 696
Vicat Temperature	104	°C	ASTM D 1525
Thermal Conductivity, solid state	0.0245	W/(m K)	ASTM C 177

Characteristics**Processing**

Profile Extrusion, Coating

Delivery form

Pellets

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Features

Color Stability

Applications

Automotive

Regional Availability

Europe, Asia Pacific