

NYLENE 2433 HSSP BK

PA6

Polymeric Resources Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.7	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	43.8	MPa	ASTM D 638
Flexural Modulus	1089	MPa	ASTM D 790
Izod Impact notched, 1/8 in	128	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	40	°C	ASTM D 648
Melting Temperature	218	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	254 - 277	°C	-
Feed temperature	232 - 243	°C	-
Zone 1	243 - 260	°C	-
Zone 2	254 - 277	°C	-
Nozzle temperature	254 - 277	°C	-

Characteristics**Processing**

Injection Molding, Pipe/Tube Extrusion, Profile Extrusion

Applications

Automotive

Delivery form

Black

Regional Availability

North America

Special Characteristics

High impact or impact modified