

Absolac® XT04 M

ABS

Styrenix Performance Materials Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Rockwell hardness	R 110	-	ISO 2039-2
ASTM Data			
Tensile Modulus	2747	MPa	ASTM D 638
Tensile Strength at Yield	51.5	MPa	ASTM D 638
Flexural Modulus	2796	MPa	ASTM D 790
Flexural Strength	73.6	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	216	J/m	ASTM D 256
Izod Impact notched, 1/4 in	167	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	75	E-6/K	ASTM D 696
DTUL @ 66 psi	102	°C	ASTM D 648
DTUL @ 264 psi	99	°C	ASTM D 648
Vicat Temperature	102	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	220 - 270	°C	-
Mold temperature	70 - 90	°C	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

Asia Pacific

Special Characteristics

Heat stabilized or stable to heat