

Absolac® XT04 PM

ABS

Styrenix Performance Materials Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Rockwell hardness	R 110	-	ISO 2039-2
ASTM Data			
Tensile Modulus	2747	MPa	ASTM D 638
Tensile Strength at Yield	54	MPa	ASTM D 638
Flexural Modulus	2747	MPa	ASTM D 790
Flexural Strength	88.3	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	196	J/m	ASTM D 256
Izod Impact notched, 1/4 in	177	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Coefficient of Thermal Expansion, MD	75	E-6/K	ASTM D 696
DTUL @ 66 psi	114	°C	ASTM D 648
DTUL @ 264 psi	103	°C	ASTM D 648
Vicat Temperature	110	°C	ASTM D 1525
Other properties			
Density	1040	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
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