

**Absolac® XT04 P**

ABS

Styrenix Performance Materials Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>4</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0055</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Rockwell hardness	<b>R 106</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Modulus	<b>2747</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>54</b>	MPa	ASTM D 638
Flexural Modulus	<b>2354</b>	MPa	ASTM D 790
Flexural Strength	<b>68.7</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 106</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>216</b>	J/m	ASTM D 256
Izod Impact notched, 1/4 in	<b>177</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>75</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>105</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>102</b>	°C	ASTM D 648
Vicat Temperature	<b>108</b>	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	<b>1040</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Delivery form**

Pellets

**Regional Availability**

Asia Pacific

**Special Characteristics**

Heat stabilized or stable to heat