

SABIC® 570P

SABIC® PP 570P is specially developed for producing rigid injection molded articles for general purpose applications. It gives consistent processability, good mechanicals and high gloss in the products.
 Information provided by SABIC

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792

Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
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Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785

Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
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Elongation at Yield	11 %	11 %	ASTM D638
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Flexural Modulus, 1% Secant	1630 MPa	236000 psi	ASTM D790 A
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Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM D256
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Thermal Properties	Metric	English	Comments
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Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
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Vicat Softening Point	155 °C	311 °F	ASTM D1525
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