

MARPOL CoPP 8.2.0 is a high impact, high stiffness medium melt flow copolymer. This resin designed for injection molding applications that require faster molding cycles.

Resin Properties	Typical Value	Typical Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8 g/10 min	8 g/10 min	ASTM D 1238
Density	0.900 g/cm ³	0.900 g/cm ³	ASTM D 792
Tensile Strength at Yield	3700 psi	25 MPa	ASTM D 638
Elongation at Yield	5 %	5 %	ASTM D 638
1% Flexural Modulus 0.051 in/min (1.3 mm/min) 0.51 in/min (13 mm/min)	198 000 psi 231 000 psi	1365 MPa 1550 MPa	ASTM D 790A ASTM D 790B
Notched Izod Impact - 73°F (23°C)	2 ft-lb/in	2 J/m	ASTM D 256A
Gardner Impact Strength - 20°F (-29°C)	207 in-lb	23 J	ASTM D 5420
Deflection Temperature Under Load (DTUL) at 66 psi	232 °F	111 °C	ASTM D 648

Processing Method: Injection molding.