

Quimtec PPIM20

The PPIM20 is a nucleated polypropylene homopolymer with antistat for use in injection molding applications. This resin exhibits good flow characteristics, good mold release properties, excellent rigidity and hardness, fast set-up times, and low warpage. Typical applications include rigid thin-wall containers, closures and cutlery.

<i>Properties</i>	<i>Value</i>	<i>Units</i>	<i>ASTM Test Method</i>
Melt Flow Rate	20	g/10 min	D 1238
Tensile Strength,@ Yield	5,600 (39)	psi (MPa)	D 638
Elongation, @ Yield	7.0	%	D 638
Flexural Modulus	240,000 (1,654)	psi (MPa)	D 790
Izod, Notched @ 23 °C	0.4 (21)	ft-lb/in (J/m)	D 256
Rockwell Hardness	109	R	D 785
Gardner Impact,@ 23 °C	13 (1.5)	in-lb (J)	D 5420
Heat Deflection Temperature@66 psi	225 (107)	°F (°C)	D 648

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