

Quimtec PPBF2C

The PPBF2C is a polypropylene-ethylene random copolymer designed for use in extrusion applications such as cast and blow film. This resin is an excellent choice for outstanding clarity, haze and gloss. In film applications it offers excellent processing toughness in addition to clarity.

<i>Properties</i>	<i>Normal Value</i>		<i>Units</i>	<i>ASTM Test Method</i>
Melt Flow Rate, 230°, 2.16kg	1.85		g/10 min	D 1238
<i>Film data</i>	<i>Cast¹</i>	<i>Blown²</i>		
1% Secant Modulus, MD (TD)	135,000 (130,000)	210,000 (200,000)	psi	E 111
Tensile Strength, Ultimate, MD (TD)	12,000 (6,000)	12,000 (4,700)	psi	D 882
Tensile Strength, Yield, MD (TD)	4,700 (4,000)	5,860 (4,790)	psi	D 882
Tensile Elongation, Ultimate, MD (TD)	440 (10)	500 (10)	psi	D 882
Elmendorf Tear Strength, MD (TD)	10 (200)	5 (100)	g	D 1922
Haze	2	9	%	D 1003
Gloss	85	55		D 2457

¹ Data obtained on 1.25 mil cast film. Melt temperature 475°F (246°C)

² Data obtained on 1.25 mil blown film

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