

Polyethylene

Y5010Q



High Density Polyethylene

Descriptions

Y5010Q is a butene-1 copolymerized high density polyethylene intended for raffia and filament applications. The products using Y5010Q have good tensile strength, softness, toughness and excellent glossy.

Typical Applications

Typical applications include fishing net, mosquito net, architectural awnings and braids.

Typical Properties

Property	Units	Value*	Test Method
Melt flow rate MFR (190°C/2.16kg)	g/10min	1.0	ASTM D 1238
Density	kg/m ³	950	ASTM D 792
Tensile strength at yield**	MPa	26	ASTM D 638
Tensile strength at break**	MPa	38	ASTM D 638
Elongation at break**	%	1100	ASTM D 638

*Typical value for guideline only and should not be construed as specifications.

**Tensile speed: 50mm/min

DISCLAIMER

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