

Polyethylene

M5675Q



High Density Polyethylene

Descriptions

M5675Q is a butene-1 copolymerized medium flow high density polyethylene with a good balance between toughness and stiffness performances. It is intended for injection molded articles for general uses.

Typical Applications

Typical applications include crates, pallets, containers, bins and housewares.

Typical Properties

Property	Units	Value*	Test Method
Melt flow rate MFR (190°C/2.16kg)	g/10min	7.5	ASTM D 1238
Density	kg/m ³	956	ASTM D 792
Tensile strength at yield**	MPa	29	ASTM D 638
Tensile strength at break**	MPa	24	ASTM D 638
Elongation at break**	%	1400	ASTM D 638
Notched Izod impact strength 23°C	J/m	47	ASTM D 256
Brittle temperature	°C	≤-60	ASTM D 746

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

**Tensile speed: 50mm/min

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