

Polyethylene

M54200Q



High Density Polyethylene

Descriptions

M54200Q is a butene-1 copolymerized high flow high density polyethylene designed for a wide range of injection molding applications, combining easy process-ability with excellent balance between toughness and stiffness.

Typical Applications

Typical applications include caps, pails, housewares, large containers and toys.

Typical Properties

Property	Units	Value*	Test Method
Melt flow rate MFR (190°C/2.16kg)	g/10min	20	ASTM D 1238
Density	kg/m ³	954	ASTM D 792
Tensile strength at yield**	MPa	28	ASTM D 638
Tensile strength at break**	MPa	15	ASTM D 638
Elongation at break**	%	250	ASTM D 638
Notched Izod impact strength 23°C	J/m	39	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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