

MDPE

R904U

MDPE for rotational molding

Application

Rotational molding, Medium/large container, Tank, Outdoor structure

Characteristics

Excellent processability, High impact strength, UV stability, Stress-cracking resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	4.0
Density	ASTM D1505	g/cm ³	0.939
Tensile strength(at break)	ASTM D638	kg/cm ²	220
Elongation (at break)	ASTM D638	%	1000
Flexural modulus	ASTM D790	kg/cm ²	740
Izod Impact Strength	ASTM D256	kg cm/cm	40
Brittleness temperature	ASTM D746	°C	<-80
Shore hardness	ASTM D2240	D Scale	65
Stress-cracking resistance	ASTM D1693	hrs	>1,000

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

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