

MDPE

R905U

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	9.0
Density	ASTM D1505	g/cm ³	0.936
Tensile strength(at break)	ASTM D638	kg/cm ²	190
Elongation (at break)	ASTM D638	%	>500
Flexural modulus	ASTM D790	kg/cm ²	6,000
Izod Impact Strength	ASTM D256	kg cm/cm	Non-Break
Vicat softening point	ASTM D1525	°C	113
Brittleness temperature	ASTM D746	°C	<-80
Shore hardness	ASTM D2240	D Scale	54
Stress-cracking resistance	ASTM D1693	hrs	>200

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

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