

MDPE

R901U

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	5.0
Density	ASTM D1505	g/cm ³	0.936
Tensile strength(at break)	ASTM D638	kg/cm ²	210
Elongation (at break)	ASTM D638	%	1200
Flexural modulus	ASTM D790	kg/cm ²	7100
Izod Impact Strength	ASTM D256	kg cm/cm	Non-Break
Brittleness temperature	ASTM D746	°C	<-80
Shore hardness	ASTM D2240	D Scale	63
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.

Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.
www.htpchem.com

Sales Office
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha
Finance Plaza, Seoul, Republic of Korea
16th floor of Hanwha Financial Plaza

Customer Technical Service
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si,
Chungcheongnam-do, Republic of Korea
T. 041-660-6190 F. 041-660-6189

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