

UR644

Linear Low Density Polyethylene

General Information

Description

- ◆ For ROTO Molding
- ◆ Broad molding latitude, Good grindability
- ◆ Good color stability. Good ESCR

Applications

- ◆ ROTO molding(Storage container)

Properties ¹			
Physical	Test Method	Nominal Values	
Melt Flow Index (190°C, 2.16kg)	ASTM D1238	5.0	g/10min
Density	ASTM D1505	0.935	g/cm³
Mechanical			
Tensile Stress (Yield)	ASTM D638	165	kgf/cm² 16.2 MPa
Tensile Strain (Break)	ASTM D638	900	%
Flexural Modulus	ASTM D790	7,000	kgf/cm² 686 MPa
Impact			
Notched IZOD Impact Strength (23°C)	ASTM D256	60	kgf·cm/cm 588 J/m
Thermal			
VICAT Softening Point	ASTM D1525	110	°C
Additional Properties			
ESCR	ASTM D1693	>300	F ₅₀ hr

NOTE

ISO 9001, 14001, /TS 16949

¹ Properties: these are not to be construed as specifications