

Grade 60505

High Density Polyethylene (HDPE)



Product Description

60505 is a HDPE injection molding grade which combines high stiffness with good physical properties. This resin is well suited for crates and toys applications.

Application

- Crates
- Injection molding grade

PROPERTY	UNIT	VALUE	TEST METHOD
DENSITY	(g/ml)	0.957	ASTM D 1505
MFR(190°C/2.16KG)	(g/10min)	5.5	ASTM D 1238
TENSILE STRENGTH AT YIELD	(MPa)	30	ASTM D 638
TENSILE STRENGTH AT BREAK	(MPa)	16	ASTM D 638
ULTIMATE ELONGATION	(%)	200	ASTM D 638
FLEXURAL MODULUS	(MPa)	1480	ASTM D 790
NOTCHED IZOD IMPACT AT 23°C	(J/m)	46	ASTM D 256/A
VICAT SOFTENING POINT	(°C)	127	ASTM D 1525
H.D.T	(°C)	78	ASTM D 648

Physical properties on compression molded specimen obtained according to ASTM D 1928c.

Producer: Jam Petrochemical Co.

Licensors: Basell

Packing: 25 Kg plastic bag

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