

VP-HD-62N07

Description:

VP-HD-62N07 is an injection-moulding grade high density polyethylene. Good impact strength, easy processing, high rigidity, suitable for usage in crates, pallets, seats and housewares.

Features	Applications	Packaging
Good impact strength, easy processing, high rigidity, and UV resistance.	Pallets Boxes Crates	Supplied in the form of pellets, or in bulk, or in 25 Kg bags.

Physical properties	Unit	Typical value	Test method
MFR (190 °C / 2.16 Kg)	g/10min.	6 - 8	ASTM D-1238
Density	g/cm ³	0.960 - 0.963	ASTM D-1505
Bulk density	g/cm ³	0.59	ASTM D-1895
Thermal properties	Unit	Typical value	Test method
Vicat softening point	°C	130 - 134	ASTM D-1525
Mechanical properties	Unit	Typical value	Test method
Flexural modulus	MPa	1300 - 1400	ASTM D-790
Izod impact	J/m	40	ASTM D-256
Tensile stress at yield	MPa	29 - 30	ASTM D-638
Tensile stress at break	MPa	>14	ASTM D-638
Elongation at break	%	>600	ASTM D-638