

## VP-HD-52518

### Description:

VP-HD-52518 is a high density polyethylene with Easy processing, high rigidity, and high strength make it especially suitable for usage in crates, home appliances. The processing method of VP-HD-52518 is injection moulding.

Features	Applications	Packaging
Easy processing High rigidity High strength	For injection molding of crates and housewares.	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.	15 - 21	ASTM D-1238
Density	g/cm <sup>3</sup>	0.951 – 0.953	ASTM D-1505
F/E ratio	-	<30	ASTM D-1238
Optical properties	Unit	Typical value	Test method
Yellowness index	-	<4 (0.5)	ASTM D-1925
Ti content	ppm	≤5 (2)	MTM 15636
Mechanical properties	Unit	Typical value	Test method
Flexural modulus	MPa	1200	ASTM D-790
Notched izod impact	J/m	40	ASTM D-256/ A