

Technical Datasheet

- **Grade Name:** Modiran HDPE 52505
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Injection Molding
- **Applications:** Containers

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/2.16 Kg)	5 ± 1	g/10min	ISO 1133
Density	0.95	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	≥ 1200	MPa	ASTM D 790
Izod Impact Strength, Notched	≥ 55	J/m	ASTM D 256
Tensile Strength at Yield	≥ 27	MPa	ASTM D 638
Tensile Strength at Break	≥ 18	MPa	ASTM D 638
Vicat	≥ 124	°C	ASTM D 1525
HDT	≥ 82	-	ASTM D 1925

Typical Properties: These values are not to be considered as product specifications.

