

HIGH DENSITY POLYETHYLENE (HDPE) FOR INJECTION MOULDING (T60-475-119)

T60-475-119 is a high density polyethylene characterized by a narrow molecular weight. Parts fabricated from this material exhibit a glossy surface finish and have good impact strength and rigidity.

T60-475-119 CHARACTERISTICS:

- High rigidity
- Glossy surface aspects
- Good impact strength
- Meets FDA requirements of 21CFR 177.1520

Examples of applications:

- Crates, dustbins

TYPICAL PHYSICAL PROPERTIES

Property	Typical Value	Units	Test Method
Melt flow rate (2.16 kg load)	4.8	g/10min	ASTM D 1238
Density	961	kg/m ³	ASTM D 4883
Tensile strength at yield	30	MPa	ASTM D 638
Flexural Modulus	1675	MPa	ASTM D 790
Notched IZOD Impact Strength	42	J/m	ASTM D 256
Hardness (Shore D)	65		ASTM D 2240
Vicat softening point	129	°C	ASTM D 1525