



# HDPE for Injection Moulding

## Specification of T60-475-119

T60-475-119 is a high density polyethylene with a narrow molecular weight distribution mass. Parts made from this material show finished polished surface, and also have good impact strength and rigidity.

### PROPERTIES:

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

### Examples of applications:

- Creates, dustbins



## Typical physical properties

Properties	Typical value	Unit.	Test method
Melt Flow Rate (2.16kg load)	4.8	g/10min	ASTM D 1238
Density	961	kg/m <sup>3</sup>	ASTM D 4883
Tensile Density	30	MPa	ASTM D 638
Flexural modulus	1675	MPa	ASTM D 790
Notched Izod Impact Strength	42	J/m	ASTM D 256
Hardness (hardness scale)	4.8		ASTM D 2240
Melt Flow Rate (2.16kg load)	65	g/10min	ASTM D 1238
Wick heat resistance	129	°C	ASTM D 1525

+971 56 478 02 02

office@integraltrade.ch

UAE, Dubai, DMCC area, Cluster I, Platinum Tower Office 3905