



5621D

Characteristics

- High Density Polyethylene
- Pellets
- Broad molecular weight distribution
- Antioxidants
- High ESCR
- High rigidity
- Good flowability
- Lower smell

Applications:

- Extrusion Blow Molding
 - Small blow molding parts
 - Engineering parts
 - Jerry cans
- Packaging of consumables
- Injection Blow Molding

Performance Properties ⁽¹⁾	Methods	Unit	Value
Mass Density (23°C)	ISO 1138-2	g/cm ³	0.954
Melt Flow Rate (190°C/2.16kg)	ISO 1133-1	g/10min	0.37
Tensile Strength at Yield	ISO 527-2	MPa	27
Elongation at Yield	ISO 527-2	%	10
Tensile Strength at Break	ISO 527-2	MPa	15
Elongation at Break	ISO 527-2	%	640
Tensile Modulus of Elasticity	ISO 527-2	MPa	1160
Flexural Modulus	ISO 178	MPa	1310
Izod Impact Strength	ISO 180	kJ/m ²	13
Melting Point	ISO 11357-3	°C	134
Vicat Softening Temperature, A/50	ISO 306	°C	129
ESCR , F50	ISO 7765-1	hrs	40

(1) Typical values; not to be construed as specifications

Recommended Processing:

Melt temperatures: 180 - 210°C