



Technical Datasheet: HDPE 2208J

Product Description:

2208J is a high density polyethylene with UV resistance suitable for industrial product produced from injection molding process.

Applications:

- Large Garbage bin, Fruit Basket
- Good stiffness, impact resistance and processability
- Pallet, Crate
- Food contact applicable
- Industrial Parts for outdoor uses
- Wide service temperature range, UV resistance

Typical data:

Property	Test method	Unit	value
Melt Flow Rate	ASTM D 1238	g/10min	5.5
Density	ASTM D 1505	g/cm ³	0.961
Melting Point	ASTM D 2117	°C	133
Vicat Softening Point	ASTM D 1525	°C	127
Brittleness Temperature	ASTM D 746	°C	-60
Heat Deflection Temperature (HDT)	ASTM D 1693	°C	75
ESCR	ASTM D 1693	Hrs, F50	4
Tensile Strength at Yield	ASTM D 638	kg/cm ²	300
Tensile Strength at Break	ASTM D 638	kg/cm ²	240
Elongation at Break	ASTM D 638	%	>1000
Flexural Modulus	ASTM D 790	kg/cm ²	13000
Notched IZOD impact	ASTM D 256	Kg.cm/cm	3.5
Hardness	ASTM D 2240	Shore D	66

Note : Conversion factor for changing unit from kg/cm² to MPa is divided by 10.2.