

D2022 Physical Properties

Applications : Blow film extrusion, Tube extrusion,
Blow molding for heavy duty packaging
film, Heavy duty shrink film, Tubes,
Cosmetic cases, Bottles, Pallet
shrinkage film, Agricultural film, Frozen
food packaging

Characteristics : Good processability
High mechanical properties
High impact resistance
No slip / Antiblock additives

Additives : Thermal stabilizer

Process Temp. : 180 - 220°C

Regulatory information

Complied with the U.S. FDA 177.1520

Complied with the EU 10/2011

Complied with the RoHS Directive 2011/65/EU Annex II
[amended by Directive (EU) 2015/863]

(IEC method) For plastics

Remarks : The values presented in this document are typical
laboratory average, not to be construed as specification and may
vary within moderate ranges. The application or accuracy of this
information or suitable of our products cannot be guaranteed
because the conditions of uses on the part of our users are
beyond our control.

Properties	Test Method	Unit	Typical Value
Melt Flow Index (2.16 kg / 190°C)	ASTM D1238	g/10 min	0.28
Density	ASTM D1505	g/cm ³	0.921
Vicat Softening Temperature	ASTM D1525	°C	95
Tensile Strength at Yield	ASTM D638	MPa	12
Tensile Strength at Break	ASTM D638	MPa	19
Ultimate Elongation	ASTM D638	%	700
Hardness Shore D	ASTM D2240	-	50
Impact Resistance	ASTM D 1709	g	185
Haze	ASTM D 1003	%	9.0
Gloss (at 45°)	ASTM D 2457	GU	85