

Globalene ST751

Polypropylene Impact Copolymer

Lee Chang Yung Chemical Industry Corp.

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Technical Data

Product Description

Globalene ST751 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Globalene ST751 are:

- Copolymer
- Food Contact Acceptable
- Good Processability
- Heat Resistant
- High Flow

Typical applications include:

- Automotive
- Engineering/Industrial Parts
- Appliances
- Food Contact Applications

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
Search for UL Yellow Card	• Lee Chang Yung Chemical Industry Corp. • Globalene
Availability	• Asia Pacific • North America
Features	• Food Contact Acceptable • Good Moldability • Impact Copolymer • Good Heat Aging Resistance • High Flow • Low Temperature Impact Resistance
Uses	• Appliance Components • Automotive Applications • Appliances • Thin-walled Parts
Agency Ratings	• FDA 21 CFR 177.1520(a) 3 (i) • FDA 21 CFR 177.1520(b) • FDA 21 CFR 177.1520(c) 3.1a
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Specific Gravity	0.898 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	32 g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 %	ASTM D955

Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Yield)	24.5 MPa	ASTM D638
Tensile Elongation (Yield)	6.0 %	ASTM D638
Flexural Modulus	1130 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	69 J/m	ASTM D256
Unnotched Izod Impact (-18°C)	430 J/m	ASTM D256
Drop Impact Resistance (-29°C)	23.0 J	Internal Method

Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	84	ASTM D785

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	93.0 °C	ASTM D648

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

Lee Chang Yung Chemical Industry Corp.

Taipei, Taiwan

Telephone: 886-2-25288895

Web: <http://www.lcygroup.com>

Distributor

Please contact the supplier to find a distributor for Globalene ST751