Globalene® PC366-5

Polypropylene Homopolymer

Lee Chang Yung Chemical Industry Corp.

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Technical Data

Product Description

Globalene® PC366-5 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for extrusion, injection molding, or sheet extrusion.

Important attributes of Globalene® PC366-5 are:

- Good Processability
- Good Stiffness
- High Strength
- Homopolymer

Typical applications include:

- Appliances
- Bags/Liners
- Caps/Lids/Closures
- Sheet
- Straps/Ropes

General

Material Status	• Commercial: Active		
Literature [1]	• Technical Datasheet (English)		
UL Yellow Card [2]	• E85783-251837		
Search for UL Yellow Card	• Lee Chang Yung Chemical Industry Corp. • Globalene®		
Availability	• Asia Pacific	• North America	
Features	• Good Moldability • Good Stiffness	• Good Stretchability • High Tensile Strength	• Homopolymer • Low Gel
Uses	• Appliances • Bags	• Closures • Sheet	• Strapping • Yarn
UL File Number	• E85783		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	• Sheet Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Specific Gravity	0.903	0.901 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5 g/10 min	5.5 g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.013 in/in	1.3 %	ASTM D955
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (Yield)	5260 psi	36.3 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	10 %	ASTM D638
Flexural Modulus	265000 psi	1820 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact (73°F (23°C))	0.61 ft·lb/in	32 J/m	ASTM D256
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Rockwell Hardness (R-Scale)	99	99	ASTM D785
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Heat Deflection Temperature	210 °F	99 °C	ASTM D648

Form No. TDS-54453-en

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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] A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

[3] 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: +886-2-2528-8895
Web: http://www.lcygroup.com

Distributor

Please contact the supplier to find a distributor for Globalene® PC366-5

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