

KOPELEN J-330

Polypropylene Impact Copolymer

Honam Petrochemical Corporation



IDES | Prospector

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Technical Data

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English)
UL Yellow Card ²	• E85371-251709
Search for UL Yellow Card	• Honam Petrochemical Corporation
Availability	• Asia Pacific • Europe • North America
Features	• Block Copolymer • High Impact Resistance • High Stiffness
Uses	• Battery Cases • Industrial Applications • Household Goods • Valves/Valve Parts
Forms	• Pellets
Processing Method	• Injection Molding

	Nominal Value Unit	Test Method
Physical		
Density	0.900 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0 g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5 %	Internal Method
Mechanical		
Tensile Strength (Break)	28.4 MPa	ASTM D638
Tensile Elongation (Break)	> 100 %	ASTM D638
Flexural Modulus	1420 MPa	ASTM D790
Impact		
Notched Izod Impact		ASTM D256
-10°C	29 J/m	
23°C	88 J/m	
Hardness		
Rockwell Hardness (R-Scale)	113	ASTM D785
Thermal		
Deflection Temperature Under Load 0.45 MPa, Unannealed	95.0 °C	ASTM D648
Flammability		
Flame Rating	HB	UL 94
Additional Information		
DuPont Impact Strength (-10°C)	49.0 kN/m	Internal Method
Heat Resistance ⁴ (130°C)	< 20.8 day	

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 IDES 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.

⁴ Air Oven

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Where to Buy

Supplier

Honam Petrochemical Corporation

Seoul, South Korea

Telephone: 82-2-829-4114

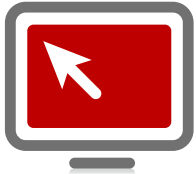
Web: <http://www.hpc.co.kr/>

Distributor

Please contact the supplier to find a distributor for KOPELEN J-330



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– Kevin Chase, Owner & President, Chase Plastics



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