

RANPELEN SB-530

Polypropylene Random Copolymer

Lotte Chemical Corporation

Message:

SB-530 is random copolymer polypropylene for extrusion application with good transparency and good gloss for transparent sheet. This grade can be processed by sheet extrusion. SB-530 offers high clarity, flexible stiffness, high heat distortion temperature and chemical resistance. This grade is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Stiffness		
	High Clarity		
	Medium Gloss		
	Random Copolymer		
Uses	Packaging		
	Sheet		
	Stationary Supplies		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	> 400	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	20	%	ASTM D1003

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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