

## Technical Data Sheet

### *Pristene* RM5500



Polypropylene, Random Copolymer

#### Product Description

*Pristene* RM5500 is a metallocene polypropylene random copolymer with ultra high clarity and gloss, high purity, good stiffness and impact balance and low volatile content. Typical customer applications are baby feed bottles (IBM/ISBM), transparent containers, food containers, cosmetic containers.

#### Regulatory Status

For regulatory compliance information, see *Pristene* RM5500 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Developmental
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Clear Containers; Housewares
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Blow Molding; Injection Molding; Injection Stretch Blow Molding
<b>Attribute</b>	High Clarity; High Gloss; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1400	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	40	J/m	ASTM D256

## Notes

These are typical property values not to be construed as specification limits.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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