

**Moplen EP548S**



Polypropylene, Impact Copolymer

**Product Description**

Moplen EP548S is a nucleated heterophasic copolymer with antistatic agent used injection moulding applications.

It combines a good impact/stiffness balance with a high fluidity.

Moplen EP548S is typically used by customers in opaque containers, housewares, toys and in thin-walled containers for food packaging (e.g. margarine tubs, yoghurt pots, etc.).

**Regulatory Status**

For regulatory compliance information, see Moplen EP548S [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Europe
<b>Application</b>	Housewares; Opaque Containers; Sports, Leisure & Toys
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Contains Antistat; High Flow; Impact Copolymer; Nucleated

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	44	g/10 min	ASTM D1238
Density	0.9	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1500	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	4	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	46	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	116	°C	ASTM D648

## Notes

ASTM properties above are typical values of LYB products from Asia.

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

## Company Information

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

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