

## Technical Data Sheet

### Moplen EP2641



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP2641 is a nucleated heterophasic copolymer used in injection moulding and compounding applications. It exhibits good impact / stiffness balance combined with high fluidity with good organoleptic properties.

Moplen EP2641 is typically used in opaque containers, housewares, toys and in thin wall containers for food packaging (e.g. Margarine tubs, Yoghurt pots etc) and compounding applications

Status	Developmental
Availability	Africa-Middle East; Asia-Pacific; Europe
Application	Automotive Parts; Housewares; TWIM Food Containers
Market	Compounding; Rigid Packaging
Attribute	Contains Antistat; High Flow; Nucleated

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	70	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Modulus	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield	25	MPa	ISO 527-1, -2
Tensile Strain at Yield	5	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	5	kJ/m <sup>2</sup>	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	3.5	kJ/m <sup>2</sup>	ISO 179
(-20 °C)	3	kJ/m <sup>2</sup>	ISO 179

#### Notes

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