

Moplen EPC40R (R40)

Property	Unit	Test method	value
MFI	g/10min	ASTM D1238	7
Flexural Modulus	Mpa	ASTM D790	1350
Hardness, Rockwell R	---	ASTM D785	86
Izod Impact Strength, Notched	J/m	ASTM D256	95
Tensile Elongation at Yield	%	ASTM D638	12
Tensile Strength at Yield	Mpa	ASTM D638	27
Heat Deflection Temperature	°C	ASTM D648	88
Oven Aging	hours	ASTM D3012	1000
Vicat Softening Point	150	ASTM D1525	°C

Moplen EPC40R is a heterophasic polypropylene copolymer designed for injection moulding battery cases & technical items. The product offers an excellent balance of mechanical properties & process ability & features an excellent long-term heat-stability.

Moplen EPC40R is used for appliance, cables & wires (e.g. as slotted core element in fibre optic cables).

Moplen EPC40R is suitable for food contact.

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