

Polypropylene

Moplen Q 30 P

Moplen Q 30 P is a homopolymer particularly suitable for extrusion. Moplen Q 30 P combines excellent processability with an outstanding mechanical properties balance.

Moplen Q 30 P is well suited for technical extrusion for strapping, sheet, profiles and small diameter pipes such as refills for ball pens.

Another typical application of Moplen Q 30 P is the extrusion of nets for various purposes and end-uses, for instance nets for olive harvesting or for the packaging of salami's and hams.

Moplen Q 30 P is also appropriate for blow moulding small and medium sized containers.

TYPICAL PROPERTIES	METHOD (b)	UNIT	VALUE (a)
Physical properties			
Melt flow rate (230°C, 2.16 kg)	ISO 1133	dg/min	0.7
Density	ISO 1183	g/cm ³	0.9
Mechanical properties			
Flexural modulus	ISO 178	N/mm ²	1400
Tensile strength yield	ISO R 527	N/mm ²	33
Elongation at yield	ISO R 527	%	14
Izod Impact Strength (notched) at 23°C	ISO 180	kJ/m ²	10
Hardness Shore D	ISO 868	points	70
Thermal properties			
Vicat softening point (9.8 N)	ISO 306/A	°C	154
H.D.T. (0.46 Mpa)	ISO 75/B	°C	100
Accelerated oven ageing in air (forced circulation) at 150°C	ISO 4577	hours	2250

Moplen Q 30 P is suitable for food contact

- a) Values shown are averages and are not to be considered as product specifications. These values may shift slightly as additional data are accumulated.
- b) ISO test methods are the latest under the society's current procedures. All specimens are prepared by injection moulding.