



آرمین پلیمر تهران

Armin Polymer Tehran

TECHNICAL DATA SHEET C 30 S

C 30 S is a polypropylene homopolymer with good flow properties and is particularly suitable for the extrusion of film yarn, in, monofilament, cast film and sheet. C 30 S combines outstanding processability with good mechanical properties.

Properties	Method	Unit	Typical Value
Physical properties			
Melt flow rate (230°C, 2.16 kg)	ISO 1133	dg/min	6
Density	ISO 1183	g/cm ³	0.9
Mechanical properties			
Flexural modulus	ISO 178	N/mm ²	1500
Tensile strength yield	ISO R 527	N/mm ²	34
Elongation at yield	ISO R 527	%	13
IZOD impact strength _(notched) at 23°C	ISO 180	kJ/m ²	4
Hardness Shore D	ISO 868	Points	71
Thermal properties			
Vicat softening point (9.8 N)	ISO 306/A	°C	155
H.D.T. (0.46 Mpa)	ISO 75/B	°C	112
Accelerated oven ageing in air	ISO 4577	hours	360

● C 30 S is suitable for food contact.

- a) Values shown are averages and are not to be considered as product specification. These values may shift slightly as additional data are accumulated.
- b) Values shown are averages 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.

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