

Technical Datasheet PC 1518

1) Product Description:

PC 1518 is a Polycarbonate resin.

2) Applications:

Suitable for Molding, Injection and Blow (Optical, Sports, Electrical, Wire & Cable).

3) Typical data:

Property	Test method	Condition	Unit	Value
MFI (300 C)	ASTM D1238	1.2 Kg load	g/10 min	15.1 - 18
Density	ASTM D792	25 C	g/cm ³	1.2
Tensile Strength	ASTM D638	@ yield	Mpa	≥ 60
Modulus of Elasticity	ASTM D 638	--	Mpa	2000-2400
Elongation	ASTM D 638	@ Break	%	≥ 80
Dielectric Strength	ASTM D 149	@ 50 Hz	Kv/mm	≥ 20
Charpy Impact Strength	ASTM D 6110	Notched	Kj/m ²	≥ 20
Vicat soft. Temp.	ASTM D 1525	50 N , 50C/h	C	141-145
Transmittance	ASTM D1003	Thickness 2mm	%	≥ 80
Solvent Content	GC (int-st)	--	ppm	Max. 3000

* Typical values not to be construed as specifications.cm

