

PRODUCT DATA SHEET

PCR (r-PC) PCR30

Description :

PCR30 is an eco-friendly product line recycled from PCR PC. PCR30 provides great injection moldability properties, qualities equivalent to and as reliable as that of standard PC, and can be applied in natural and black and white colors on TV housing , various other electrical and electronic products and automobile parts. Polylex PCR have the wide range of MFR (Melt flow Index) which could be controlled by Polylex unique , special ,advanced technology. MFR range is 10 ~ 200 g/10min (300°C X 1.2 kgf)

Application : Electronics parts , Vehicle parts and compounding materials etc.

Properties

Properties	Unit	Test Method	Test Condition	Result
Melt Flow Index	g/10min	ISO 1133	300°C × 1.2 kgf	30
Tensile Strength	MPa	ISO-527-1,-2	50mm/min	62
Tensile strain	%	ISO-527-1,-2	50mm/min	44
Flexural Strength	MPa	ISO 178	2 mm/min	98
Flexural Modulus	MPa	ISO 178	2 mm/min	1,900
Izod Impact Strength (Notched)	KJ/m ²	ISO 180	2.75J, 23°C	15
Specific Gravity	g/cm ³	ISO 1183	A Method 23°C	1.192
Moisture content	%	IR oven	104°C X 10 min	0.03
Environment Control Substances	ppm	XRF	23°C	Cd = ND , Pb =ND Hg = ND , Cr =ND Br = ND