

PRODUCT DATA SHEET

PCR (r-PC) PCR20

Description :

PCR20 is an eco-friendly product line recycled from PCR PC. **PCR20** 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	20
Tensile Strength	MPa	ISO-527-1,-2	50mm/min	64
Tensile strain	%	ISO-527-1,-2	50mm/min	45
Flexural Strength	MPa	ISO 178	2 mm/min	98
Flexural Modulus	MPa	ISO 178	2 mm/min	2,050
Izod Impact Strength (Notched)	KJ/m ²	ISO 180	2.75J, 23°C	22
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