



PV3.0 is a medium flow narrow molecular weight distribution polypropylene impact co-polymer compound.

INJECTION MOULDING

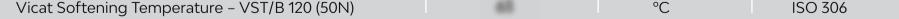
PV3.0 is a general purpose injection moulding grade suitable for applications where toughness, even at low temperatures, is required.

TYPICAL APPLICATIONS ARE:

- Buckets / pails
- Drainage products (plumbing)
- Crates and containers
- Household and domestic articles



TYPICAL VALUES (NOT TO BE CONSTRUED AS SPECIFICATIONS)	VALUE	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES Melt mass-flow rate – MFR (230/2.16) Mould Shrinkage - SMp / SMn	20 15/14	g/10min %	ISO 1133 ISO 294-4
MECHANICAL PROPERTIES			
Tensile Modulus of Elasticity Tensile Stress at Yield Tensile Strain at Yield Tensile Strain at Break Flexural Modulus Flexural Strength Charpy Notched Impact Strength (23°C) Charpy Notched Impact Strength (0°C) Charpy Notched Impact Strength (-20°C) Ball Indentation Hardness – HB	1000 20 5.5 100 700 10 5.0 2 45	MPa MPa % MPa - KJ/m ² KJ/m ² KJ/m ² N/mm ²	ISO 527-2/1A/1 ISO 527-2/1A/50 ISO 527-2/1A/50 ISO 527-2/1A/50 ISO 178 ISO 178 ISO 179-1/1eA ISO 179-1/1eA ISO 179-1/1eA ISO 2039-1
THERMAL PROPERTIES			
Melting Temperature – DSC Heat Deflection Temperature – HDT/A (1.8MPa) Heat Deflection Temperature – HDT/B (0.45MPa) Vicat Softening Temperature – VST/A 120 (10N)		°C °C °C °C	ISO 11357-3 ISO 75-2 ISO 75-2 ISO 306





This information is based on our current knowledge and experience. In view of the many factors that may affect processing and application, this data does not relieve processors from the responsibility of carrying out their own tests and experiments; neither does it imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.



Contact The Reproplast Collective EPR Scheme: tel: 031 713 7777 | mail: epr.collect@reproplast.co.za | web: ReproEPR.com The Reproplast Collective EPR Scheme is a leader in the responsible management of rigid polyolefin packaging waste.