

BE0400

Description

Good flowability and impact strength

Application

lightweight container, Jerrican(~20ℓ)

Properties	Method	Condition	Unit	BE0400
Physical				
MFI(5kg)	ASTM D1238	190°C, 5kg load	g/10min	1.1
Density	ASTM D792	Method A	g/cm ³	0.958
Mechanical				
Tensile Strength at Yield Point(MPa)	ASTM D638	50mm/min	MPa	30
Elongation at Break Point	ASTM D638	50mm/min	%	500
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	1100
Izod Impact Strength(J/m)	ASTM D256	23°C, Notched	J/m	200
Hardeness(Shore D)	ASTM D2240	Shore D		64
ESCR	ASTM D1693	Condition B	hr	40
Thermal				
Melting Temperature	LG Method	by DSC	°C	134
Vicat Softening Temperature	ASTM D1525	A50	°C	127
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	76

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.