

Product Code: K1385-A11 (Preliminary Data)

CHARACTERISTICS

K1385-A11 HS Random Copolymer Polypropylene exhibits boil resistance and well balance of stiffness and toughness.

APPLICATIONS

K1385-A11 applies to bottles requiring good retention of stiffness and toughness under steam sterilization. It can be processed by Injection Stretch Blow Molding (ISBM). This product meets the FDA requirement in the code of federal regulations in 21 CFR 177.1520 for food contact zone.

TYPICAL PROPERTIES

Item	Unit	K1385-A11	Testing Method
Melt Flow Rate	g/10 mins	10	D1238 (230°C/2.16kg)
Density	g/cm ³	0.90	D792
Tensile Strength at Yield	MPa	34	D638
Elongation at Yield	%	8	D638
Flexural Modulus	MPa	1400	D790
Izod Impact Strength at 23°C (w/ notch)	J/m (Kg-cm/cm)	54 (5.5)	D256
Heat Deflection Temperature at 4.6kgf/cm ² load	°C	104	D648
Haze	%	11	CVI Method

Above properties are typical laboratory values measured from injection molding samples. The data shown is intended for reference only.