

Sprie & Runner Considerations	Runners should be sized so as to prevent high stress levels during moulding
Processing Extrusion	
Barrel Settings	200 to 245 C
Screw Speed	Set to suite surface finish
Screen Packs	20, 60, 80, 20
Haul-off / Cooling	Water bath chilled 10c
Calibration	Suitable for use with a vacuum calibrator or sizing plates.
Mechanical Properties	
Shrinkages	0.2 – 0.6%
Flexural Strength	110 137 MPa
Tensile Strength at Yield	45-80 MPa
Physical Properties	
Density	1.07
Cold Bend	N/A
Cold Flex	N/A
Elongation	1.5 - 7%
Flexural Modulus	3 4 GPa
General Impact Strength	Material is quite brittle
Material Finish	Clear material with high clarity
Thermal Properties	
Vicat Softening Temperature	107°C
Heat Deflection Temperature	89°C
Flammability	
Flammability Rating	HB UL94
Weatherability	
Suitability for outdoor use	No, but a U/V stabiliser can be added
Fillers & Additives	
	Glass filled
Chemical Resistance	
Resistant to	Saturated hydrocarbons, low aromatic engine fuels and oils, vegetable and animal fats and oils.
Not resistant to	Aromatic and chlorinated hydrocarbons, esters, ethers, ketones and can also be attacked by inorganic acids.
Food Contact Status	
	Meets USA & European standards

Colouring	Can be dry coloured. Liquid colours can also be used instead of solid masterbatches. SAN based masterbatches are often used at concentration levels up to 5% in order to achieve the required shade.
WEEE & ROHS Compliance	Yes
Bonding	SAN mouldings may be bonded to each other, exact type of solvent will depend on whether the grade has a high or low acrylonitrile content
Welding	Hot shoe, spin or ultrasonic welding techniques can be used successfully

This information has been provided as a general guide and we suggest that you carry out your own specific tests to be sure that this material is suitable for your application.