



HIGH IMPACT POLYSTYRENE *BUSTREN®* BS 793 GL AND BS 793 GE

Specification

№	PROPERTY	Unit	Value		Test method
			BS 793 GL	BS 793GE	
1.	Izod impact strength with notch, not less than	J/m	70	70	ASTM D 256-93a
2.	Tensile strength, not less than	MPa	25	25	ASTM D 638-94
3.	Relative elongation at break, not less than	%	25	25	ASTM D 638-94B
4.	Flexural strength, not less than	MPa	41	41	ASTM D 792-92
5.	Volatiles, not more than	% wt	0,2	0,2	company method
6.	Moisture, not more than	% wt	0,3	0,3	company method
7.	Vicat softening point, not less than	°C	93	93	ASTM D 1525-91
8.	Melt flow rate at and loading 5 kg.	g/10 min	3,0 – 5,0	1,5-3,0	ASTM D 1238-94a
10.	Gloss, not less than	%	25	25	ASTM D 523-89

Product description

Granulated copolymer of styrene monomer with elastomer or mixture of elastomers, with average impact resistance and high surface gloss.

Production method

Block-suspension copolymerization of styrene monomer with elastomer or mixture of elastomers

Application

Grade BS 793 GL - for production of details for household appliances, electric devices, stationery, etc.

Grade BS 793 GE - for production of packages for food stuffs by vacuum - moulding of extruded sheets.

Package

Polyethylene bags, each with a mass of material of 25 kg +/- 0,25 kg

Storage

Covered , dry premises without access of direct light.

Transportation

Covered vehicles preventing moisture