

# BUSTREN® BS 793 GE

High Impact Polystyrene

LUKOIL Bulgaria Ltd.

Message:

Granulated copolymer of styrene monomer with elastomer or mixture of elastomers, with average impact resistance and high surface gloss.  
For production of packages for food stuffs by vacuum - moulding of extruded sheets.

General Information	
Features	Copolymer
	Good Impact Resistance
	High Gloss
	High Monomer Content
Uses	Food Packaging
	Sheet
Forms	Pellets
Processing Method	Sheet Extrusion
	Vacuum Forming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) <sup>1</sup> (200°C/5.0 kg)	1.5 to 3.0	g/10 min	ASTM D1238
Moisture Content	< 0.30	%	Internal Method
Volatile Matter	< 0.20	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 25.0	MPa	ASTM D638
Tensile Elongation (Break)	> 25	%	ASTM D638
Flexural Strength	> 41.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 70	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 93.0	°C	ASTM D1525
Optical	Nominal Value		Test Method
Gardner Gloss	> 25		ASTM D523

NOTE	
1.	Procedure A

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