

Stirol UPS-0801 (1s.)

High Impact Polystyrene

JSC CONCERN STIROL

Message:

UPS-0801 is for manufacturing of goods and package for contact with foodstuffs.

General Information	
Features	Food Contact Acceptable
	High Impact Resistance
Uses	Food Packaging
Forms	Granules
Processing Method	Die Molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	2.0 to 4.5	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	< 0.10	%	ISO 62
Bound Styrene	< 0.1	%	
Purity ¹	10.0		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strain (Break)	> 30	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.6 to 7.5	kJ/m²	ISO 179

NOTE	
1.	Disc surface should be clean. It is allowed one insertion with diameter 0,2-0,3 mm at the surfaces of disks converting to area, cm²

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