DIOKI GPPS 615



GENERAL PURPOSE POLYSTYRENE

MATERIAL DESCRIPTION

DioKi GPPS 615® is transparent general purpose polystyrene exhibiting excellent optical properties, good melt flow properties.

DİOKİ GPPS 615[®] is especially intended for injection moulding of thin-walled products having good optical properties. This polystyrene grade exhibits excellent processability with short processing cycles.

TECHNICAL PROPERTIES

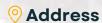
Physical Properties	Standard Method	Value	Unit
Melt Flow Index (200 °C/ 5kg)	ASTM D 1238	15,0	g/10 min.
Density	ISO 1183	1040	kg/m3
Thermal Properties	Standard Method	Value	Unit
Vicat Softening Temperature (Rate B, 10N)	ASTM D 1525	93,5	°C
Heat Distortion Temp. (Method B, 0.45 MPa)	ASTM D 648	80	°C
Mechanical Properties	Standard Method	Value	Unit
Tensile Properties	ASTM D 638	Con The	DEDAY!
Strength at Break	1544A	35	MPa
Elongation at Break	FRANCES	1,2	%
Tensile Modulus	SO OXY	3150	MPa
Flexural Properties	ASTM D 790		
Strength	BASSE	65	MPa
Modulus	CHARLES	3110	MPa
Izod Impact Resistance, Notched (23°C)	ASTM D 256	12,0	J/m
Processing Conditions	Value		Unit
Processed in Melt Temperature Range	160-230		°C
Mould Shrinkage	0,4-0,6		%
Tool Temperature	20-60		°C

Legal Information: The above information is given based on the knowledge and experience of Dioki Petrokimya staff. Any information contained herein shall not be construed as a part of legally binding offer.





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APPLICATION

Manufacture of injection moulded, thin-walled, general purpose products, transparent boxes, office and kitchen equipments, pen bodies, electronic equipments etc.

STORAGE AND HANDLING

DioKi GPPS 615® is packed in polyethylene bags of 25 kg on wooden pallets having dimensions of 110 x 130 cm as 1 pallet net 1.375 kg. (Depend on the costumers demand, net 1.250 kg bigbag can be supplied) The pallets are covered and secured with stretch film.

DioKi GPPS 615® should be protected from direct sunlight and rain/water. If possible, it should stored in dry, cool and closed area.

Regards,

Dioki Petrochemical

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