

DİOKİ PETROKİMYA GPPS 610

GENERAL PURPOSE POLYSTYRENE

Material Description

Dioki Petrokimya GPPS 610 is transparent general purpose polystyrene exhibiting excellent optical properties, good melt flow properties.

Dioki Petrokimya GPPS 610 is especially intended for injection moulding of thin-walled products having good optical properties. This polystyrene grade exhibits excellent processability with short processing cycles.

Application

Manufacture of injection moulded, thin-walled, general purpose products, CD boxes, packaging in cosmetics and medicine, toys.

Technical Properties and Processing Conditions

Properties	ISO Standard	Value	Unit
Melt Flow Index (MFI)	1133	10	g/10 dk
Vicat Softening Temperature	306 B/50	85	°C
Tensile Strength at Yield	527/2	43	MPa
Tensile Strength at Break	527/2	43	MPa
Elongation at Break	527/2	1	%
Tensile Modulus	527/2	3300	MPa
Izod Impact Resistance, Notched	180/4A	<1	KJ/m ²

Processing Conditions		
Processed in Melt Temperature Range	160-230	°C
Mould Shrinkage	0,4-0,6	%
Tool Temperature	20-60	°C

Storage and Handling

Dioki Petrokimya GPPS 610 is packed in polyethylene bags of 25 kg on wooden pallets having dimensions of 110x130 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 Petrokimya GPPS 610 should be protected from direct sunlight and rain/water. If possible, it should stored in dry, cool and closed area.

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.