Klarex® 60

Ravago EPS
Expands your life...

TECHNICAL DATA SHEET

Product Description:

Klarex® is manufactured as polystyrene homopolymer in the shape of almost spherical particles.

Typical Properties:

Property	Value	Unit	Method	Standard
Bead size	0,5 – 3,0 (98% within range)	mm	Sieving	-
Bulk density	600	kg/m^3	-	ISO 60
Density	1040	kg/m^3	-	ISO 1183
Melt Flow Rate	6	gr/10min	200^{o}C / 5kg	ISO 1133
VICAT softening point	106	^{O}C	10N / 50^{o}C	ISO 306/A
Water absorption	< 0,1	%	-	ISO 62
Processing shrinkage	0,3 – 0,6	%	-	ISO 294-4

Application:

Klarex® 60 is a general purpose PS grade and is mainly used in injection moulding and extrusion.

Packaging:

All Klarex® products are packed in standard big-bag packages of 1.000 or octagonal cardboard boxes (octabins) of 1.100 kg. The content is protected by an inner sealed plastic liner placed between the product and the container.

Storage:

Klarex® should be stored in well-ventilated storage areas with temperatures not exceeding 25℃. It should be protected against unsuitable weather conditions and direct sun light.
Partially used containers should be closed as tight as in original conditions, avoiding any free space between the raw material and lining and should be consumed in short time.
Klarex® can be also stored in silos.

Processing:

Please contact our technical support department for specific requests.

Safety and handling:

During processing of Klarex®, small quantities of styrene monomer may be released into the atmosphere.
Usually the concentration of styrene does not exceed 1 ppm in well ventilated areas.
Please refer to the MSDS prior to usage.

Monotez EPS solutions

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General Information:

Klarex® should be kept away from sparks and flames during processing and storage. Adequate ventilation on floor level is also required during these phases. The grounding of the entire equipment and machinery is essential, in order to prevent static electricity on the conveying lines and during processing.
Safety precautions / measures are included in the “Safety Data Sheet” (SDS).

Klarex® 60 is produced in Inofita, Greece.

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