PARLAK POLYMER

Granule Type: PPVC-8450-P

Description

General Purpose PVC Fixed Insulation Compound

Specification

IEC 60227: PVC/C, BS 6746: TI1

Color: Natural and Colors

Physical Properties

Properties	Standard and Test Method	Unit	Typical Value
Hardness	ASTM D2240(15sec)	Shore A	84±2
Density	ASTM D792 / IEC 60811-1-3	gr/cm³	1.50±0.02
Heat Stability at 200°c	VDE 0472/9.71	minute	min 80
Properties before ageing Tensile strength Elongation at break	IEC 60811-1-1	 N/mm² %	 min 13 min 200
Properties after ageing "7 days at 100°c" Variation of Tensile Variation of Elongation	IEC 60811-1-2	 % %	 max 25 max 25

Processing Guidelines

	Zone 1	Zone 2	Zone 3	Zone 4	Head	Die	Screw*
max (°C)	150	160	160	160	170	180	70
min (°C)	130	130	140	140	150	150	80

* The thermostatic control of the screw improves processing results.

Extruder L/D= 20-26

1- The actual extrusion conditions will depend on the type of equipment used. The following conditions may be used as a guide when starting up the extruder.

2- Head and tools should be designated allowing streamlined flow avoiding stagnation of the material.

3- A breaker plate and filter net (80 -100 mesh/cm2) are recommended to be used.

Storage

-Packaging should be keep closed during storage

-Ambient temperature should not exceed more than 40°C

-Avoid direct exposure to sunlight and humid weathering

-Shelf life of the compound is 12 months from the date of manufacture.

Packaging

It is available in the form of pellets and supplied in PP bags with a net content of 25 kg.

Safety

PPVC-8450-P is classified as no-dangerous material.

Technical Service

Technical Service is available to help the customer to choose the best product for his requirements.

Our Technical Service is at your disposal for further information and advice about the start-up and for any possible necessity during the use o