



شرکت تولیدی گرانول قزوین (سهامی خاص)

Ghazvin Granules Producing Co.

www.ggp.ir

### Data sheet

**Granule Type :GPB9060LS**

**Description:** PVC compound for Reduced smoke & HCL emission bedding of power cables

**Specification :** Bedding

**Color :** Natural and Colors

Properties	Standard and Test Method	Unit	Typical value
Hardness	ASTM D 2240(15sec)	Shore”A”	90±2
Density	ASTM D 792 / IEC 60811-1-3	gr/cm <sup>3</sup>	1.62±0.02
Heat Stability at 200°C	VDE 0472/9.71	minute	min 60
Properties before ageing Tensile strength Elongation at break	IEC 60811-1-1	N/mm <sup>2</sup> %	min 12 min 180
Properties after ageing “7 days at 100°C” Variation of Tensile Variation of Elongation	IEC 60811-1-2	% %	-
Heat shock test “1 hr at 150°C” Result to be obtained	IEC 60811-3-1	--	-
HCL emission	IEC 60754-1	%	max 15
Loss of mass after ageing “7 days at 100°C”	IEC 60811-3-2	mg/cm <sup>2</sup>	-

**Processing Condition:** As a general guide, typical processing temperature are as follows:

	zone 1	zone 2	zone 3	zone 4	head	die
max (°C)	150	160	160	160	170	180
min (°C)	130	130	140	140	150	150

max temperature =180°C

**Safety** GPB9060LS is classified as no-dangerous material.

#### Packaging

It is available in the form of pellets and supplied in PP laminated bag with a net content of 25 kgs.