

# GELAST 1145

Thermoplastic Vulcanizate

Guang Sung Plastics (GSPL)

Message:

GELAST 1145 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Asia Pacific. Applications of GELAST 1145 include wire & cable, electrical/electronic applications, engineering/industrial parts, hose/tubing and packaging.

Characteristics include:

RoHS Compliant

Crosslinkable

Heat Resistant

General Information			
Features	Crosslinkable		
	High Heat Resistance		
Uses	Cable Jacketing		
	Electrical/Electronic Applications		
	Gaskets		
	Hose		
	Packaging		
	Telephone Drop Wire Insulation		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	6	%	ASTM D412
Tensile Stress (100% Strain)	1.96	MPa	ASTM D412
Tensile Strength (Yield)	6.57	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Additional Information	Nominal Value	Unit	Test Method
Tension Strength	16.7	kN/m	ASTM D624

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