

# GELAST 1180

Thermoplastic Vulcanizate

Guang Sung Plastics (GSPL)

Message:

GELAST 1180 is a Thermoplastic Vulcanizate (TPV) product. It can be processed by injection molding and is available in Asia Pacific. Applications of GELAST 1180 include hose/tubing, engineering/industrial parts and wire & cable.

Characteristics include:

RoHS Compliant

Crosslinkable

Heat Resistant

General Information			
Features	Crosslinkable		
	High Heat Resistance		
Uses	Cable Jacketing		
	Hose		
	Plugs		
	Tubing		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	15	%	ASTM D412
Tensile Stress (100% Strain)	4.12	MPa	ASTM D412
Tensile Strength (Yield)	11.3	MPa	ASTM D412
Tensile Elongation (Break)	580	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D746
Additional Information	Nominal Value	Unit	Test Method
Tension Strength	34.3	kN/m	ASTM D624

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

