

# Plasmer 5045N/1002

Thermoplastic Elastomer

HYUNDAI EP Co., Ltd.

## Message:

Wide service temperature range, resistance, compression set, recyclable

General Information			
Features	Recyclable Material		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.990 to 1.01	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/7.06 kg)	> 60	g/10 min	ASTM D1238
Gel Content	< 1.00	Gel No./m	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	32 to 38		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	0.392 to 0.981	MPa	ASTM D412
Tensile Strength (Yield)	> 7.85	MPa	ASTM D412
Tensile Elongation (Break)	> 700	%	ASTM D412

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## 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



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