

# Unipren® Elastomers A3 CRLA010 45A

## EB05IN1 UP358

Polypropylene + EPDM Rubber

Petropol Industry and Trade of Polymers LTDA

### Message:

Thermoplastic compound based on EPDM with PP (TPE-V) dynamically vulcanized, suitable for high performance applications where outdoor exposure or resistance to high temperature (135° C) are important requirements.

General Information			
Features	High Heat Resistance		
Resin ID (ISO 1043)	>TPE<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	43 to 47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ASTM D412
100% Strain	1.00	MPa	
300% Strain	2.00	MPa	
Tensile Strength <sup>2</sup> (Break)	7.50	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	> 750	%	ASTM D412
Compression Set	15	%	ASTM D395B
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature <sup>4</sup>	-55.0	°C	ASTM D2137
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Procedure A		

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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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