

# T-Blend® 5292N-PE

Thermoplastic Elastomer

TSRC Corporation

## Message:

T-Blend® 5292N-PE is a Thermoplastic Elastomer (TPE) product. It is available in Asia Pacific. Typical application: Consumer Goods.

Characteristics include:

- Eco-Friendly/Green
- Good Processability
- Good Tear Strength
- Non-Toxic

General Information			
Features	Good Colorability Good Processability Good Tear Strength Non-Toxic Recyclable Material		
Uses	Toys		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.870 to 0.910	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/5.0 kg)	5.0 to 17	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	49 to 53		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	5.20	MPa	ASTM D412
Tensile Elongation (Break)	620	%	ASTM D412
Tear Strength	28.4	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 190	°C	

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