

T-Blend® 9591N-TY

Thermoplastic Elastomer

TSRC Corporation

Message:

T-Blend® 9591N-TY 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	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970 to 1.01	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	46 to 50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.1	MPa	ASTM D412
Tensile Elongation (Break)	120	%	ASTM D412
Tear Strength	71.6	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 190	°C	

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