

# Delene 1110

Thermoplastic Elastomer

Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Delene 1110 is a thermoplastic elastomer (TPE) material. This product is available in the Asia-Pacific region and is processed by extrusion or injection molding. The main characteristic of Delene 1110 is that it can contact food.

Typical application areas include:

- food contact applications
- Sealing applications
- Automotive Industry
- business/office supplies

General Information			
Features	Soft		
	Compliance of Food Exposure		
	Elastic		
Uses	Non-specific food applications		
	Seals		
	Application in Automobile Field		
	Stationery		
Agency Ratings	FDA not rated		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	3.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	10		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1.20	MPa	ASTM D412
Tensile Elongation (Break)	780	%	ASTM D412
Compression Set (23°C)	20	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-65.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Drying Temperature	80 - 90	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	190 - 250	°C	
Injection Pressure	40.0 - 60.0	MPa	

Extrusion	Nominal Value	Unit
Melt Temperature	170 - 230	°C

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