

Delene 5590

TPE

Lingen Plastic Rubber Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Shore A Hardness	90	-	ASTM D 2240
Shore D Hardness	35	-	ASTM D 2240
Tensile Strength	10	MPa	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	20	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	wire/cable	-	-
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Feed temperature	150 - 170	°C	-
Zone 1	180 - 200	°C	-
Zone 2	200 - 230	°C	-
Nozzle temperature	190 - 220	°C	-

Characteristics**Processing**

Wire/Cable Extrusion

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

Asia Pacific