



T-BLEND® is a series of thermoplastic elastomer compound materials produced by TSRC (Shanghai) Industries LTD.

T-BLEND® DP7510 Can be used for co-extruding protective film adhesive components with the base, e.g. LDPE resins.

T-BLEND® DP7510 Can be processed using high shear rate injection molding methods and has excellent stability at normal processing temperatures. Degradation products are non-corrosive.

Physical Properties:

PROPERTIES	TESTING METHOD	CONDITIONS	UNITS	VALUEs
Form	N/A	--	--	Pellets
Colour	N/A	--	--	Translucent
Hardness (Shore)	ASTM D2240	A Type	Shore A,10S	42-48
Melt Flow Index	ASTM D1238	2.16 kg @ 190 °C	g/10min	5-20
SP.GR/Density	ASTM D792	--	--	0.90-0.94
Tensile Strength	ASTM D412	Type3, specimen	kg/cm ²	-
Elongation	ASTM D412	Crosshead	%	-
300% Modulus	ASTM D412	500mm/min	kg/cm ²	-
Tear Strength	ASTM D624	C Die	kg/cm	-

Processing Guide :

Drying :

T-BLEND®DP7510 follows routine procedures for handling solids that may form dust. It should be stored in a cool, dry place.

Injection Machine / Screw :

With L/D ratio 15:1 or more would be better. The compression ratio (CR) is 2:1 or 3:1 and Shallow depth screw on metering section would be better for processing.

Barrel Temperature :

Information below is our injection-molding guide

Items		Values
Barrel Temp. (°C)	Feed	~170
	Rear	185
	Front	190
	Die	195
Molding (°C)		30 ~ 40
Back Pressure (Kg/cm ²)		3.5 ~ 7
Injection Speed		General
Cycle (sec)		25 ~ 50

Other: T-BLEND® DP7510 Molding shrinkage rate is 0.01 ~ 0.02 inch/inch.

