



Technical Data

Properties	Unit	Testing Method	Thai-zex ADVANCE 8100MB
Melt flow rate @ 2.16kg. 190°C	g/10 min	ASTM D1238	0.03
Melt flow rate @21.6kg. 190°C	g/10 min	ASTM D1238	6
Density @ 23°C	g/cm ³	ASTMD1505	0.962
Tensile strength @ yield	Kg/cm ²	ASTM D638	230
Tensile strength @ break	Kg/cm ²	ASTM D638	360
Elongation@ break	%	ASTM D638	780
Stiffness (Olsen)	Kg/cm ²	ASTM D747	8500
Izod impact strength (with notch)	Kg.cm/cm	ASTM D256	45 (NB)
MRS	MPa	ISO/TR 9080	10
Classification	-	ISO 12162	PE100
ESCR (F50)	Hours	ASTM D1693	>2000
Carbon black content	%	ASTM D4218	>2.0

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