

PRODUCT : JR3512HM

Resin Type : TPO



PROPERTIES	TEST METHOD	CONDITION	UNIT	SPEC (MS220-19 T-E)	VALUE
PHYSICAL					
Specific Gravity	ASTM D792	-	-	0.96 ± 0.02	0.98
MECHANICAL					
Tensile Strength at yield	ASTM D638	50mm/min	Mpa	17 ↑	20
Tensile Elongation at break	ASTM D638	50mm/min	%	124 ↑	130
Flexural Strength	ASTM D790	10mm/min	Mpa	26 ↑	29
Flexural Modulus	ASTM D790	10mm/min	Mpa	1,360 ↑	1,420
Izod Impact Strength, notched	ASTM D256	1/4 inch at 23℃	J/m	369 ↑	379
Izod Impact Strength, notched	ASTM D256	1/4 inch at -30℃	J/m	40 ↑	45
THERMAL					
Melt Index	ASTM D1238	230℃/21.2N	g/10min	29 ↑	50
Heat Deflection Temperature	ASTM D648	0.45Mpa, 6.4mm	℃	105 ↑	112
OTHERS					
Mold Shrinkage	DWC method	-	1/1000	-	9~10/1000