

RTP 6042-50A UV BLACK

Thermoplastic Elastomer

RTP Company

Message:

UV Stabilized - Bondable to ABS, PC, PC Alloys, PBT, RTPU

General Information			
UL YellowCard	E84658-102155233		
Additive	UV stabilizer		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 - 3.5	%	ASTM D955
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.62	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	6.89	MPa	ASTM D412
Tensile Elongation ³ (Break)	450	%	ASTM D412
Tear Strength ⁴	26.3	kN/m	ASTM D624
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	193 - 238	°C	
Mold Temperature	21.1 - 48.9	°C	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	Mouth die C, 510mm/min		
2.	C mold, 500 mm/min		
3.	Mouth die C, 500 mm/min		
4.	C mould		

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