

CHIMEI

a step up

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Ecologue PCR ABS PA-757 M90

Product Description: PCR content 90%

Properties	ISO Test Method	Test Condition	Unit	PA-757 M90
Melt Flow Index	1133	220°C × 10KG	ml/10 min	30
Spiral flow	CHIMEI	260°C, 2mm, V:50%, P:50%	cm	–
Mass Density	1183	23 °C	g/cm ³	1.05
Tensile Strength	527	50 mm/min, yield	MPa	40
		50 mm/min, break	MPa	30
Tensile Elongation	527	50 mm/min	%	30
Flexural Strength	178	2 mm/min	MPa	60
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	15
		-30°C, Notched	KJ/m ²	–
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	15
		-30°C, Notched	KJ/m ²	–
Vicat Softening Temp.	306	50°C/hr; 1KG	°C	105
		50°C/hr; 5KG	°C	–
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	75
		1.8MPa, annealed	°C	–
Dielectric Constant	IEC 60250	1MHz	--	–
Volume Resistivity	IEC 60093	--	Ohm X m	–
Surface Resistivity	IEC 60093	--	Ohm	1E+16
Coefficient of Linear Thermal Expansion	11359	-	-	8.6*10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>ABS (REC90)<

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own test

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