

PRODUCT DATA SHEET

TRADEMARK: ECO PELLET®

GRADE: LC52A

	TEST METHOD	CONDITION	UNIT	LC52A
Charpy Impact Strength,(Notched)	ISO 179	23 deg.C	kJ/m ²	12
		-30 deg.C		-
Tensile Strength	ISO 527	23 deg.C	MPa	58
Tensile Modulus		23 deg.C	MPa	-
Flexural Strength	ISO 178	23 deg.C 2mm/min	MPa	90
Flexural Modulus			MPa	3000
Rockwell Hardness	ISO 2039	23 deg.C	R-scale	115
T.D.U.L.	ISO 75	0.45MPa4mm Flatwise	deg.C	92
Density	ISO 1183	23 deg.C	g/cm ³	1.22
Melt Volume Flow Rate	ISO 1133	220deg.C	cm ³ /10min	29
Mold Shrinkage ^{note)}	ISO 294-4	23 deg.C	%	0.5-0.8
Coefficient of Linear Thermal Expansion	ISO 11359-2	-	cm/cm/deg. C(x10-5)	-
UL Flame Rating File No. E47016	UL 94	-	mm	1.5 V-0
		-	mm	-
		-	mm	-