

PRODUCT DATA SHEET

TRADEMARK: ECO PELLET®

GRADE: AA11A

| | TEST METHOD | CONDITION | UNIT | AA11A |
|---|-------------|---------------------|------------------------|---------|
| Charpy Impact Strength,(Notched) | ISO 179 | 23 deg.C | kJ/m ² | 16 |
| | | -30 deg.C | | 7 |
| Tensile Strength | ISO 527 | 23 deg.C | MPa | 43 |
| Tensile Modulus | | 23 deg.C | MPa | 2300 |
| Flexural Strength | ISO 178 | 23 deg.C 2mm/min | MPa | 70 |
| Flexural Modulus | | | MPa | 2450 |
| Rockwell Hardness | ISO 2039 | 23 deg.C | R-scale | 107 |
| T.D.U.L. | ISO 75 | 1.80MPa Flatwise | deg.C | 79 |
| Density | ISO 1183 | 23 deg.C | g/cm ³ | 1.05 |
| Melt Volume Flow Rate | ISO 1133 | 220deg.C | cm ³ /10min | 30 |
| Mold Shrinkage ^{note)} | ISO 294-4 | 23 deg.C | % | 0.4-0.6 |
| 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 HB |
| | | - | mm | - |
| | | - | mm | - |