

**LG CHEMICAL LTD**  
20 YOIDO-DONG YONGDUNGPO-GU SEOUL 150-721 KOREA

Material Designation: **AF-312, AF-312T, AF-312K, AF312A**

Product Description: Acrylonitrile Butadiene Styrene (ABS), furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	1.5	V-0	3	0	85	75	75	-	-
	2.0	V-0, SVB	3	0	85	75	75	-	-
	2.5	V-0,, SVB	3	0	85	75	75	-	-
	3.0	V-0, SVB	1	0	85	75	75	-	-

CTI: 1

IEC CTI: -

HVTR: 2

D495: 7

IEC Ball Pressure (°C): -

Dielectric Strength (kV/mm): 30

ISO Tensile Strength (MPa): -

ISO Tensile Impact (kJ/m<sup>2</sup>): -

Volume Resistivity (10<sup>9</sup>ohm-cm): 14

ISO Flexural Strength (MPa): -

ISO Izod Impact (kJ/m<sup>2</sup>): -

Dimensional Stability(%): 0

ISO Heat Deflection (°C): -

ISO Charpy Impact (kJ/m<sup>2</sup>): -

Report Date: 4/26/1989

Underwriters Laboratories Inc®

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.