



**KPL7417 (108AT5UV)**

**Application:** LED top layer

**Description:** This compound is based on special plasticizers and stabilizers and is of high gloss and transparency, which ultimately gives a very good effect to the product. In addition, the formulation of this product has good resistance to UV light.

**Packaging:** 25 kg laminated polypropylene bags

**Storage:** dry place, away from the sun, temperature below 30°C

**Color:** Transparent



Properties	Unit	Amount	Standard
Density	$gr/cm^3$	$1.17 \pm 0.01$	ASTM D 792
Hardness at 15 second	Shore "A"	$74 \pm 2$	ASTM D 2240
Thermal stability at 200°C	Minute	Min 60	VDE 0472
Mechanical properties Tensile Elongation	MPa %	$17 \pm 1$ $250 \pm 20$	ASTM D 638

Temperature profile:

The recommended temperature settings for the extruder with L/D around 22-24 are as follows :

	Zone 1	Zone 2	Zone 3	Zone 4	Head	Die
Temp (°C)	$135 \pm 5$	$145 \pm 5$	$150 \pm 5$	$155 \pm 5$	$150 \pm 5$	$165 \pm 5$

**Head Office:** 5<sup>th</sup> floor, Number 51, 6<sup>th</sup> Golestan street, Pasdaran Avenue, Tehran, Iran. Tel : (+98 21)79453000, Fax: (+98 21)88762819

[info@khorramco.com](mailto:info@khorramco.com) website: [www.khorramco.com](http://www.khorramco.com)

Approved by : QC & Laboratory Manager