



Multilon standard series have UL94 HB or UL94 V-0 rating. An antimony compound and halogen type material is employed to get TN-3616Q flame retardant.

General Purpose Type

The grade is for general purpose usage. It has excellent balanced heat resistance and impact resistance properties comparing to high heat resistance ABS grade or modified PPE grade. In addition, the grade has higher flowability than high heat resistance ABS grade.

Grades	Characteristics
T-3750	UL94 HB

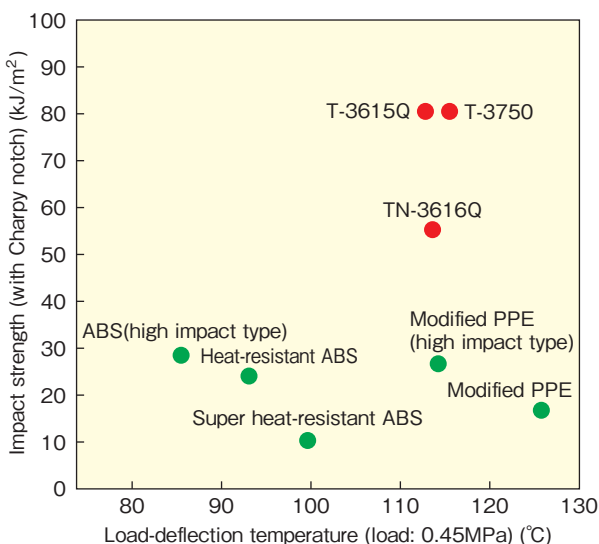
Antistatic Type

An antistatic polymer is employed to achieve long term antistatic property. The grades have 10^{10} - 10^{11} Ω surface resistivity and the characteristic keeps its initial property for long term even the surface wiped out by cloth or washed out by water.

Grades	Characteristics
T-3615Q	UL94 HB
TN-3616Q	UL94 V-0

Heat resistance and impact strength

Multilon has stronger impact strength than the equivalent ABS and modified PPE.

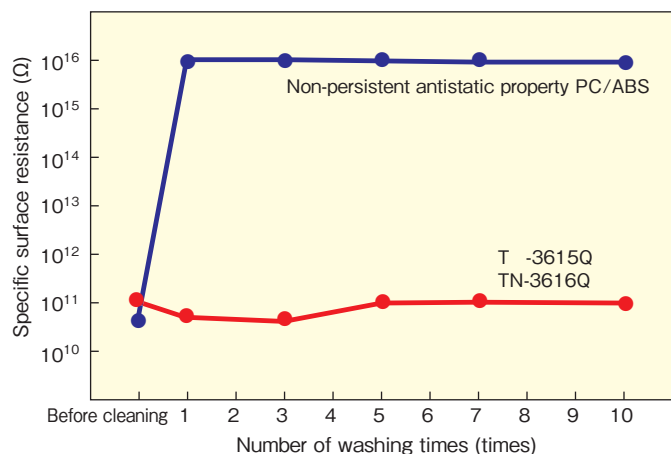


Antistatic properties

The antistatic effect of T-3615Q and TN-3616Q lasts long even if they are wiped with cloth or washed.

Measuring conditions

- Molded test piece are under the condition of (23°C; 50 %RH) for more than 24 hours.
- Measurement of specific surface resistance.
- After dipping in water for one hour, molded test piece are wiped with cloth to remove water.



■ Flow property (spiral flow length)

Molding machine: Sumitomo SG150U
Injection pressure: 98.1 MPa
Mold temperature: 70° C
Flow path thickness: 2 mm
Flow path width: 8 mm

