



Non-halogen type flame retardant is employed. It has excellent impact resistance, easy processing along with hydrolysis resistance and excellent recycling.

Housing applications

Standard type

The standard grades have excellent impact strength, heat resistance and easy processing, which are required to OA housing application.

Grades	Characteristics	Flammability
TN-7000	General purpose	UL94 V-0/5VB
TN-7295	Heat resistance	UL94 V-0/5VB
TN-7500	High flowability	UL94 V-0/5VB
TN-7570Z	Weather resistance	UL94 V-0/5VB
TN-7504	Heat ray reflection	UL94 V-0/5VB

Mineral filler reinforced type

The grades have well balanced high rigidity and easy processing. It allows customer to make OA housing products thinner.

Grades	Characteristics	Flammability
TN-3713B	General purpose	UL94 V-0/5VB
TN-3715B	High rigidity	UL94 V-0/5VB

Chassis applications

Mineral filler reinforced type

The grade achieves higher rigidity by employing Mineral filler reinforcement.

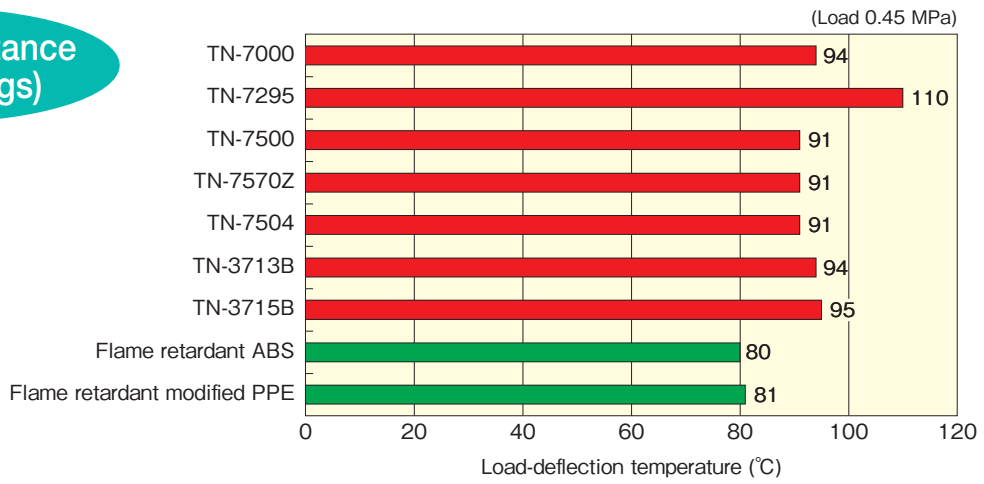
Grades	Characteristics	Flammability
DN-7730M	High rigidity	UL94 V-1/5VB

Mineral/ Grass fiber reinforced type

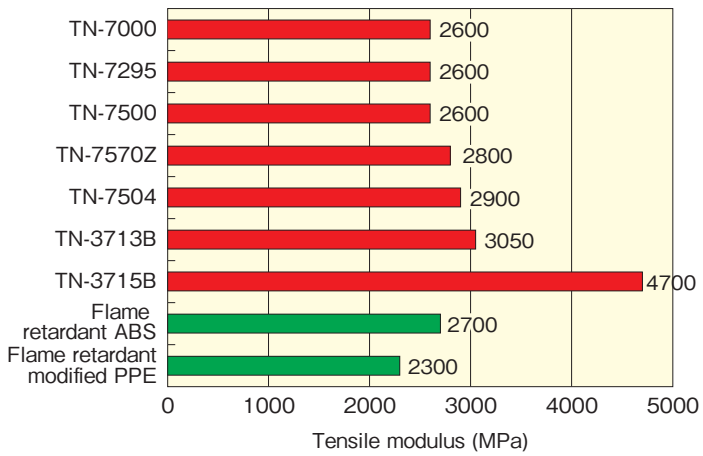
The grade achieves higher rigidity. In addition, the grade improves its mechanical anisotropic properties to get more accurate dimensional stability, which is required for optical box application.

Grades	Characteristics	Flammability
RN-7740M	High rigidity	UL94 V-1

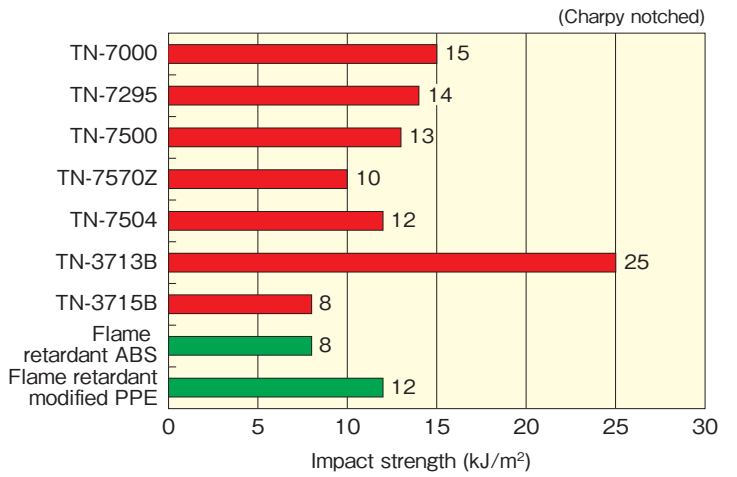
Heat resistance (for housings)



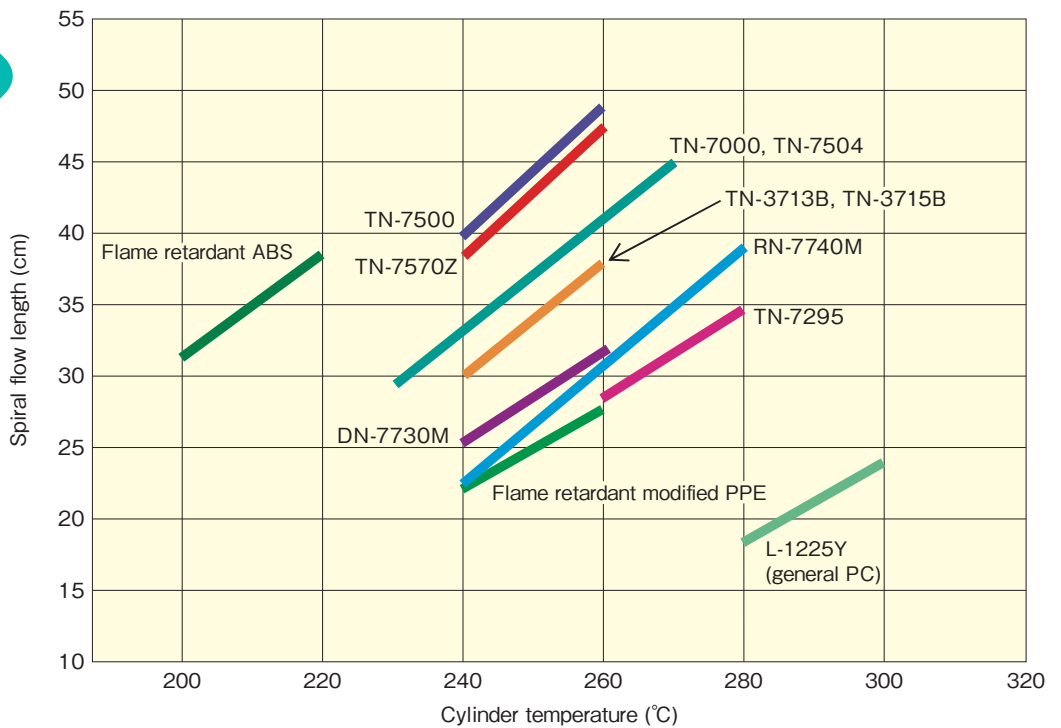
Rigidity (for housings)



Impact strength (for housings)



Flowability (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