



## Plenstar™ Series Plenum Fire Resistance Rated Cable

Geon™ Plenstar vinyl formulations for plenum applications answer the need for flame and smoke performance requirements. They meet UL approvals for plenum and satisfy all physical properties for telecommunication cables. Addressable applications are Cat 3 to Cat 6 multi-conductor cables with a 75°C UL temperature rating, passing UL 444.

The Plenstar Series includes five grades of plenum jacketing cable compounds. Customization is also possible for modified performance enhancements to meet flame and smoke requirements. Custom colors can also be developed.

For manufacturers of telecommunication cables, Plenstar formulations offer the same reliability, quality, and convenience customers can expect with any product from the Geon family of products. Dedicated technical support and customer service is offered from design through processing for quicker issue resolution and faster time to production.

### KEY CHARACTERISTICS

- Engineered to meet flame performance and physical properties for telecommunication cables
- Designed to meet UL approvals for plenum including UL13 as well as NFPA 262 requirements
- Multiple grades of plenum compounds for Cat 3 to Cat 6 applications

### APPLICATIONS

The Plenstar Plenum Series is specifically formulated for plenum applications in telecommunications and copper wire.

## TECHNICAL PROPERTIES

Plenum jacket designed to meet NFPA 262 insulated twisted pairs for Cat 3/5/5E/6 CMP type constructions

Grade	Temp. Rating (°C)	S.G. (g/cc)	LTB (°C)	LOI (%)	Tensile (psi)	Elongation (%)	Duro Scale (A/D)	Duro 15 Sec.	Melt Temp. (°C)	Jacket/Insulation/Molding	Agency Listing
Geon WJJP603	75	1.63	-7	56	2200	250	D	55	170	J	UL
Geon WJJP620	75	1.62	-6	41	2500	180	D	54	170	J	
Geon WJJP621	75	1.63	-7	47	2300	150	D	54	170	J	
Geon WJJP622	75	1.59	-7	41	2600	200	D	56	170	J	UL
Geon WJJP623	75	1.68	-5	46	2000	170	D	53	170	J	
Geon WJJ626	75	1.61	0	50	2600	160	D	64	170	J / I	UL