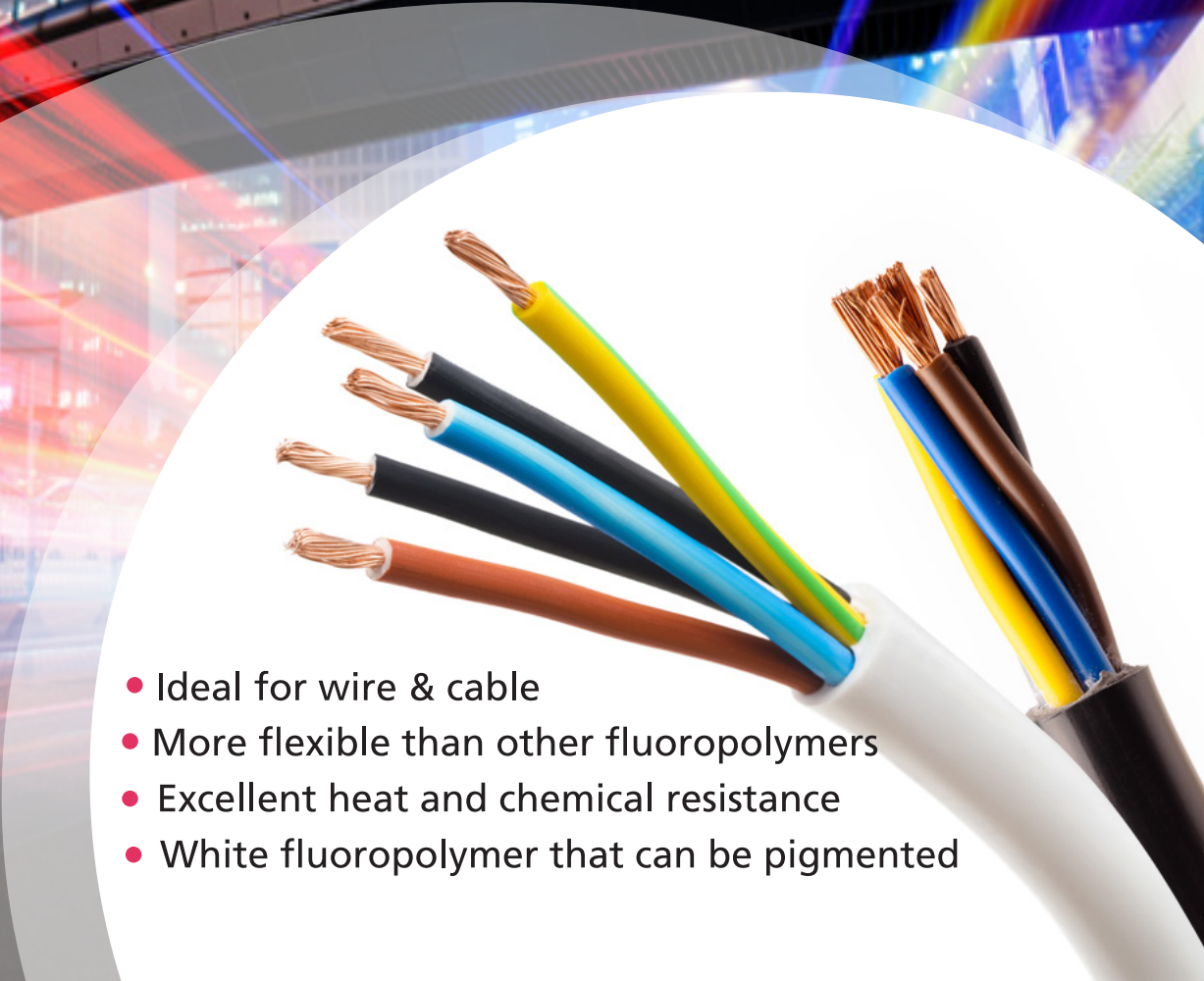


NEW

# Fluon<sup>®</sup> AR-3300N Flexible Fluoropolymer

*Fluon<sup>®</sup> ETFE blended with unique fluoroelastomer*

- 
- Ideal for wire & cable
  - More flexible than other fluoropolymers
  - Excellent heat and chemical resistance
  - White fluoropolymer that can be pigmented

# Flexible fluoropolymer Fluon<sup>®</sup> AR-3300N (Development)

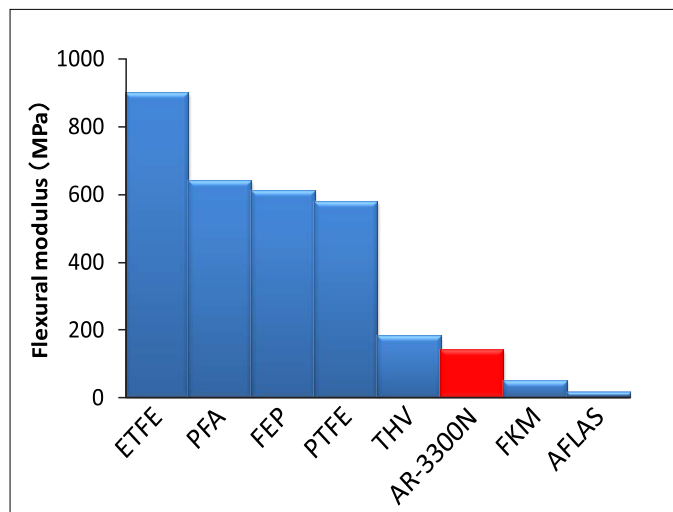
This new development has all the usual thermoplastic characteristics of a fluoropolymer but with greater flexibility. It is processed using conventional thermoplastic fabricating techniques. The new material has excellent heat resistance combined with flexibility and is aimed at the wire & cable insulation market. In addition this material can also be cross-linked by electron beam to enhance its mechanical properties.

## Performance

Properties	Method	Unit	Non cured	EB cured*
Shape/Color	-	-	White Pellets	-
Melt temperature	-	°C	220	-
MFR	ASTM D3159	g/10 min	7	-
Specific gravity (23°C)	ASTM D792	g/cm <sup>3</sup>	1.63	-
Tensile strength	ASTM D638	MPa	10.5	29.0
Elongation	ASTM D638	%	450	350
Hardness	ASTM D 785	(Durometer D)	42	51
Flexural modulus	ASTM D 790	MPa	140	150

\*With 120 kGy electron beam

## Flexibility



## Heat ageing at 200°C in air

