

Hydro Pliolite 211 is a modified styrene-acrylic copolymer dispersion developed for formulation of water-borne intumescent coatings. Hydro Pliolite 211 has excellent water resistance that allows intumescent coatings to resist to outdoor conditions.

Hydro Pliolite 211 is designed for intumescent coatings for fire protection from R30 to R120.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	50.0	%	
pH	8.5		
Viscosity [Brookfield LVT #2, 60 rpm @25°C]	<400	cps	
Glass Transition Temperature [T _g Midpoint]	29	°C	
Ionic Character	Anionic		

¹ internal method based upon the specified norm

Key Advantages

- Good synergy with other ingredients for intumescence coatings
- Excellent char structure
- Good melt rheology
- Improved water resistance
- Suitable for R30 to R120
- APE-free
- Formaldehyde-free

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 12 months from the date of manufacture.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.