

DEVELOPMENT DATASHEET (1)

EXP PP/26 is a proprietary synergistic flame retardant system still under development, for use in polyolefins. It is based on Nitrogen and Bromine. EXP PP/26 is available as a white, odourless fine powder with a fine particle size. No heavy metals are present and no Antimony Oxide or antiacids should be added in the formulations.

EXP PP/26 is a very effective and efficient solution for flameproofing polypropylene to reach GWIT at 875°C without flames. Suggested dosage ranges from 25% to 30%, depending on polymer type and specific formulation. EXP PP/26 is endowed with a very high thermal stability and it is very easy to disperse in a polymer matrix.

Physical properties (2)

Appearance:	Fine powder
Odor:	odorless
Color	off-white
Density (gr/cc)	~ 1,8 gr/cc
Melting point (°C)	decompose > 260°C
Bromine (%)	~ 36%
Bulk density (Kg/m ³):	550 kg/m ³
Particle size D50:	~ 7 microns

(1) This datasheet is temporary and will become obsolete when the product is fully commercialized

(2) Typical properties; not to be constructed as specifications

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