

D-PYRE 400 – Technical Data Sheet

PRODUCT DESCRIPTION

D-PYRE™ 401 is a non-toxic flame retardant, developed specifically for use in plasticized PVC products. It provides a very good flame- retardant effect at a low addition level. D-PYRE™ 400 series is fully compatible with common plasticizers (e.g. DINP) and provides a product with no visible particles. It is therefore suitable for transparent / translucent products or products with which require a smooth surface. D-PYRE™ 401 is supplied dissolved in DINP.

TYPICAL USE

D-Pyre™ 401 is suitable for plasticized PVC products used in Construction, Automotive and Electrical / Electronics industries where strict flame-retardant requirements are required.

- Profiles
- Wire & Cables
- Tarps
- Wall Papers
- Roofing
- Flooring
- Technical Textiles
- Artificial Leather

RECOMMENDED USE & PERFORMANCE

D-Pyre™ 400 dissolved in plasticizer (DINP), is recommended to be heated to 80°C and diluted with plasticizer (DINP) to the required concentration. Make sure that the plasticizer containing D-Pyre™ 400 is homogenous before blending in PVC.

Typical performance using 60 PHR plasticizer (DINP) and 1 PHR is V0 according to ASTM D3801 / UL 94, and V1 can be achieved using as low as 0.5 PHR.

PRODUCT DATA

Property	Test/Standard	Description
Solid by weight	Calculated	35 %
Active content by weight	Calculated	35 %
Colour	Visual	Pale Yellow
VOC	Internal Method	<0.5%