



## PRODUCT LITERATURE

### SARAFLAM-PDR

#### Product Information

Saraflam-PDR is a water soluble non durable flame retardant available in powder form for polypropylene, cellulosic, synthetics and their blends. It is durable to dry cleaning but non durable to washing. It imparts soft handle and has minimum effect on shade.

#### Key Features & Benefits

Key Features	Benefits
----- Eco-friendly	----- Halogen Free
Economical	Available in concentrated form
Handle	Does not affect feel or drape of fabric

#### General Characteristics

Physical appearance	Off white crystalline powder
Ionic nature	Non-ionic
pH of 1% solution	7 +/- 1
Miscibility	Soluble in water
Compatibility	Compatible with anionic, non-ionic and cationic products
Stability	Stable to dilute acids and dilute alkalies

#### Application

Before finishing with Saraflam-PDR, ensure that fabric should be free from oil, residual sizes, fats and other impurities and fabric should be perfectly scoured to remove any dirt present.

Saraflam-PDR may be applied by padding, spray or impregnation.

Concentration : 150-200 g/l  
Pad with 2 dip 2 nip with 70-80% pick-up followed by complete drying at 100-110 deg.C  
Dry add-on of 15-20% o.w.f.

Note :

1. The use of padder with 2 or 3 cylinder ensures uniform application. Long impregnation and bath temperature 30 deg.C helps to achieve required performance.
2. It is advisable to carry out lab trials prior to bulk trial.



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#### **Precautions**

Storage	Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg c. Close lids firmly to avoid contact with air and moisture.
Shelf Life	9 months from the date of manufacturing, if stored under controlled conditions.