



## PROTHANE 8737

**PROTHANE 8737** is a PU resin emulsion use for anti-pilling, anti-felting and anti-peeling finishes. **PROTHANE 8737** improves abrasion resistance, tear and bursting strength and rubbing fastness significantly.

### CHARACTERISTICS

Composition : Polyurethane emulsion  
Appearance : Slightly yellowish liquid  
PH :  $4,5 \pm 0,5$   
Ionic Char. : Amphoteric  
Solubility : Dissolves in water at every temperature and ratio.

### APPLICATIONS:

**PROTHANE 8737** is a self cross-linking PU emulsion which forms a permanent highly elastic film around the fibers. The handle obtained is soft and bulky. **PROTHANE 8737** does not need a catalyst unlike most of the synthetic resins and can be used in combination with glyoxal resins if necessary to reduce formaldehyde levels.

**PROTHANE 8737** is increased the felting resistance of wool fabrics.

One of the compromising advantages of **PROTHANE 8737** is the fact it significantly improves the rubbing fastness, reduces pilling and washing fastness.

At the same time, **PROTHANE 8737** effects positively to light and perspiration fastness.

Recommended usage may differ according to requested handle, composition of fabric, but usually the concentrations given below will be sufficient to reach requested result.

	Padding
Usage:	40 – 100 g/l
pH:	$6,5 \pm 0,2$
Wet pick up: (WPU)	70 – 80 %
Polymerization	130 -180 ° C 90 – 30 “

### STORAGE CONDITIONS:

Keep out of direct sunlight or freezing. It is stable for at least 6 months if stored in original packing and recommended storage conditions.