

Product Information

Wet-End



Edition 2012

MAGNOPAL® TGR – Polymeric Retanning Agent

Features	MAGNOPAL® TGR is an acrylic copolymer used for retanning
Charge	Amphoteric
Light fastness	Very good
Heat resistance	Very good.
Handling & storage	Wear goggles and gloves during handling and close containers tightly afterwards. Can be stored for about 1 year (from date of production) if kept between 10°C and 35°C. If product becomes frozen, warm to approx. 20°C and stir before use.
Stability in mineral tanning floats	Very good
Method of diluting	Dilute with water of 40 - 50 °C at a ratio of 1:3 / 1:4.
Benefits	MAGNOPAL® TGR remarkably improves the tightness of the fibre structure and is therefore particularly suited for the retannage of loose structured hides and skins. Applied according to recommendation MAGNOPAL® TGR helps to minimize double-hiding and looseness of sheep garment nappa, also resulting in a very fine grain. MAGNOPAL® TGR can, depending on the dyestuffs used, improve the depth of shades. Added at the end of dyeing and fatliquoring processes and subsequent to a slow acidification, the float exhaustion can be improved noticeably. This effect is of great use when processing e. g. wet white based on synthetic / vegetable tanned leathers. The amphoteric charge of MAGNOPAL® TGR allows it to be applied in various stages of wet finishing. For example, in floats containing mineral tanning salts as well as synthetic or vegetable tanning agents.

Regarding toxicological and ecological data see the safety data sheet of above product.

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MAGNOPAL® TGR – Polymeric Retanning Agent

Application	<p>Tannage of NZ-UK Domestic Sheepskins addition into chrome tannage 1.0 % MAGNOPAL® TGR (% based on pickle weight)</p> <p>Retannage of NZ-UK Domestic Sheepskins in combination with polymeric, synthetic 1.0 % MAGNOPAL® TGR and / or vegetable tanning agents (% based on shaved weight)</p> <p>Retannage of Bovine shoe upper leather after Neutralization during retannage 2.0 - 4.0% MAGNOPAL® TGR (% based on shaved weight)</p>
Trade form at 20°C	liquid
Appearance at 20° C	clear to slightly turbid liquid
Colour	colourless to slightly coloured
Dry content (%)	approx. 36.5
pH (10 %)	approx. 8
Safety	For safety information see the safety data sheet.

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