

MINERAL SOLUTIONS FOR LEATHER TREATMENT

- High purity
- Controlled particle size and mineralogy
- Low heavy metals
- Suitable for tanning and coating formulations



IMERYS

INTRODUCTION

Imerys, based on its **world-class minerals** and spread across the globe, offers to its customers an extensive **portfolio of high quality, sustainable** and **tailor-made solutions**.

With our expertise in the leather treatment, we are able to assist each of our customers to have a **smooth, bright** and **colorful** end product using our **tailor-made** and **eco-friendly mineral solutions**. Specifically, Imerys provides solutions for either **chemical** or **physical treatments of hides** to enhance the **quality** of any kind of leather product.

Our products offering for leather treatment are considered **natural** and **eco-friendly** since no chemicals are used in the production process.

HYDROUS KAOLINS

	Polwhite E	Polwhite G	Polwhite B	Devolite	Supreme
Brightness, ISO (%)	78.5	76	82.5	78.5	87.5
Mean particle size d50 (µm)	3.3	3	2	4.5	0.5
SiO ₂ (wt%)	50	50	47	49	47
Al ₂ O ₃ (wt%)	35	35	37	36	38
pH 10% solids	5.0	5.0	5.0	7.5	5.5
Application	Fillers and abrasives in tanning step			Fillers in tanning step	Coloring agent in finishing step
Benefits	<ul style="list-style-type: none">• Better coloring effect• Smooth touch			<ul style="list-style-type: none">• Alkaline pH• Dispersed ready in aqueous media• No need of deflocculant addition	<ul style="list-style-type: none">• High whiteness



CALCINED KAOLIN

	ImerChem LTH400
Brigtness, ISO (%)	90
Mean particle size d50 (µm)	0,7
SiO ₂ (wt%)	52
Al ₂ O ₃ (wt%)	44
pH 10% solids	6
Application	Filler in tanning, dyeing and finishing steps
Benefits	<ul style="list-style-type: none"> • High whiteness • Glossy effect



TALC

	Luzenac H60
Whiteness, Minolta CR400, illuminant D65/2°, Y	65
Mean particle size d50 (µm)	11
SiO ₂ (wt%)	46
MgO (wt%)	30
Hardness, Mohs scale	1-2
Application	Filler in Tanning, drying & finishing step
Benefits	<ul style="list-style-type: none"> • Coloring and matting agent • Drying agent

QUALITY AND SUSTAINABILITY

Our production sites have been certified by **ISO9001:2015** and **ISO14001**, which **ensures consistency in the quality** of our minerals and **conformity** to our set specifications sheets.



ABOUT IMERYS

The world leader in mineral-based specialties for industry, Imerys delivers high value-added, functional solutions to a diversified set of industrial sectors, from processing industries to consumer goods.

The Group draws on its knowledge of applications, technological expertise and its material science know-how to deliver solutions based on the beneficiation of its mineral resources, synthetic minerals, and formulations. These contribute essential properties to customers' products and performance, including refractoriness, hardness, conductivity, opacity, durability, purity, lightness, filtration, absorption and repellency.

Imerys is determined to develop responsibly, in particular by fostering the emergence of environmentally friendly products and processes.

OUR EXPERTISE

Imerys has over a hundred years' combined experience in the minerals business. We refine and engineer these minerals through various—often proprietary—processes that influence their concentration, size, shape, structure and surface chemistry to obtain the exact properties our customers require. Each year, we process thousands of tons of materials to the highest standards of quality, consistency and reliability.

INTEGRATING SUSTAINABLE DEVELOPMENT INTO ALL WE DO

As the world's leading supplier of mineral-based specialty solutions, we have a duty to extract and transform minerals responsibly and sustainably over the long term to meet society's needs.

Our ambition is simple: we want to unlock the sustainable potential of minerals.

We are already on a journey to achieve our ambition, with clear measurable objectives, through what we call SustainAgility.

- In our business, we are scaling up our efforts to deliver new solutions and opportunities to extend the life cycle of our minerals.
- Within our communities, we are determined to play a positive role, both for local ecosystems and economies over the long-term.
- In the global drive to combat climate change, we are committed to act by reducing carbon emissions in our operations by 36% relative to revenue by 2030.

SustainAgility goes to the heart of who we are and what we are as a business, now and long into the future.

Country -

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