Röchling

Industrial

Maywoflamm® ECE lightweight

ABS

Engineered for lightweight construction.

Maywoflamm® ABS ECE lightweight is a closed-cell foamed ABS material for applications where low weight and high mechanical stability are essential. With a density of 0.92 g/cm³, it is more than 20% lighter than comparable compact ABS sheets, enabling material savings and easier handling. The material combines low weight with high rigidity, toughness, and strength, making it ideal for weight-optimized components in tansportation and bus construction. It also meets the fire protection of ECE 118, Annexes 6, 7 and 8.

Působíme v následujících odvětvích

- Technika hlubokého tažení
- Výroba vozidel

Rozšířené vlastnosti

Lightweight design

More than 20% lighter than comparable compact ABS sheets, enabling weight reduction and material savings.

Good mechanical properties

Combines toughness, high rigidity, and strength for mechanically stable lightweight components.

Fire protection according to ECE 118

It is specifically designed to meet the fire protection requirements of ECE 118, Annexes 6, 7 and 8.

Easy further processing

Reduced weight supports easier handling, with good thermoforming behavior comparable to solid ABS.

Sustainable product option

An RC version with up to 90% recycled material supports circular economy and resource conservation.

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With Maywoflamm ABS ECE Lightweight, Röchling Industrial provides an innovative lightweight solution for the transportation and bus industry, combining reduced weight with outstanding performance.

Nelson Ferreira - Business Manager Transportation - Mail: NFerreira@roechling.com

Příklady použití

Bus: Driver's Cab Interior Trim

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Naše varianty produktů
Maywoflamm® ECE lightweight

Další informace o technických údajích, zacházením s výrobky, certifikacích, dodržování předpisů nebo programu dodávek získáte naskenováním QR-kódu a návštěvou našich webových stránek nebo konzultací s našimi odborníky.

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Röchling Industrial. Empowering Industry.
www.roechling.com/industrial

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