

PMMA Retardant AR-S210

AR-S210 is a synergist for the newly developed PMMA flame retardant AR-S11 by Novartis. 2 portions of AR-S11 combined with 12 portions of AR-S210 for PMMA can achieve ULV0@1.6 Millimeters, and it does not affect the transparency and yellowing index of PMMA, and the xenon lamp aging weather resistance has been significantly improved.

Physical Data

Item	Data
Phosphors content	17.5~18.5%
Nitrogen content	3.5~4.5%
Appearance	White Powder
Thermally stable temperature	>210°C

Recommended Usage

AR-S11 addition amount	AR-S210 addition amount	UL 94 rating
2%	12%	1.6mm V0

Processing

Extrusion temperature: 200~220 °C. Please refer to the application case for detailed parameters.

Packaging

25kg/bag. Samples can be packaged according to requirements.

*The data recommended in this document can be used as a reference for various purposes. There will also be some amendments along with new technical improvements. Therefore, when designing the product, the use environment and structure of the product should be fully considered, and whether the product has any problems should be judged by the design company itself.