

# PU BINDER

## Suitable With Granules For Perfect Performance



### FieldsMaster Polyurethane Adhesives

FieldsMaster is a professional company specializing in the research and production of colored rubber granules. For many years, our downstream contractors have relied on Dow's MDI adhesives. As the market rapidly evolved, our partners and distributors began demanding more specialized and precise solutions.

In 2020, FieldsMaster launched its polyurethane adhesive production line, introducing MDI adhesive for rubber track construction. Six months later, FieldsMaster introduced the UV-resistant Aliphatic binder to over 100 real estate partners. Over the past three years, we have received overwhelmingly positive feedback. Each year, over 2000 rubberized tracks worldwide are successfully completed in collaboration with FieldsMaster.



# FM-PU 8004

## Revolutionize Your Sports Venue Construction

Polyurethane adhesive: versatile, strong, and waterproof. Ideal for bonding various materials in construction, automotive, and DIY projects, ensuring durable and reliable results.

### MDI adhesive (Aromatic binder) Technical Specifications

Property	Value	Test standards
Tensile Strength	≥ 8 MPa	DIN 53504(2017)
Elongation at Break	≥ 450%	DIN 53504(2017)
Hardness	65 ± 5 Shore A	ISO 48-4(2018)
Density	1.05 ± 0.05 g/cm³	DIN EN ISO 1183-1(2019)
Operating Temperature Range	-40°C to 80°C	

Categories	FM-PU 8004	
Brand	FieldsMaster EPDM Granule Manufacturer	
Model	FM-PU 8004	
FOB port	Terms of Payment	Update Time
Port of Shanghai Port of Ningbo	D/A, D/P, T/T, Paypal	Oct 22, 2024



# Advantages



**High Strength  
and Durability**



**Excellent Wear  
Resistance**



**Superior Bonding  
Performance**



**Weather  
Resistance**



**Cost-Effective**

## Application of FM-PU 8004 Polyurethane Adhesive



# FM-PU 1185

## Superior UV Resistance

Yellowing-resistant adhesive: Maintains clarity and color over time, ideal for applications requiring optical transparency and long-term durability.

## Aliphatic Binder Technical Specifications

Property	Value	Test standards
Tensile Strength	≥ 10 MPa	DIN 53504(2017)
Elongation at Break	≥ 500%	DIN 53504(2017)
Hardness	60 ± 5 Shore A	ISO 48-4(2018)
Density	1.05 ± 0.05 g/cm³	DIN EN ISO 1183-1(2019)
Operating Temperature Range	-30°C to 90°C	
UV Resistance Index	Superior to MDI	

Categories	FM-PU 1185	
Brand	FieldsMaster EPDM Granule Manufacturer	
Model	FM-PU 1185	
FOB port	Terms of Payment	Update Time
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# Advantages



**Superior UV  
Resistance**



**Enhanced  
Environmental  
Performance**



**Outstanding  
Elastic Recovery**



**High Chemical  
Resistance**

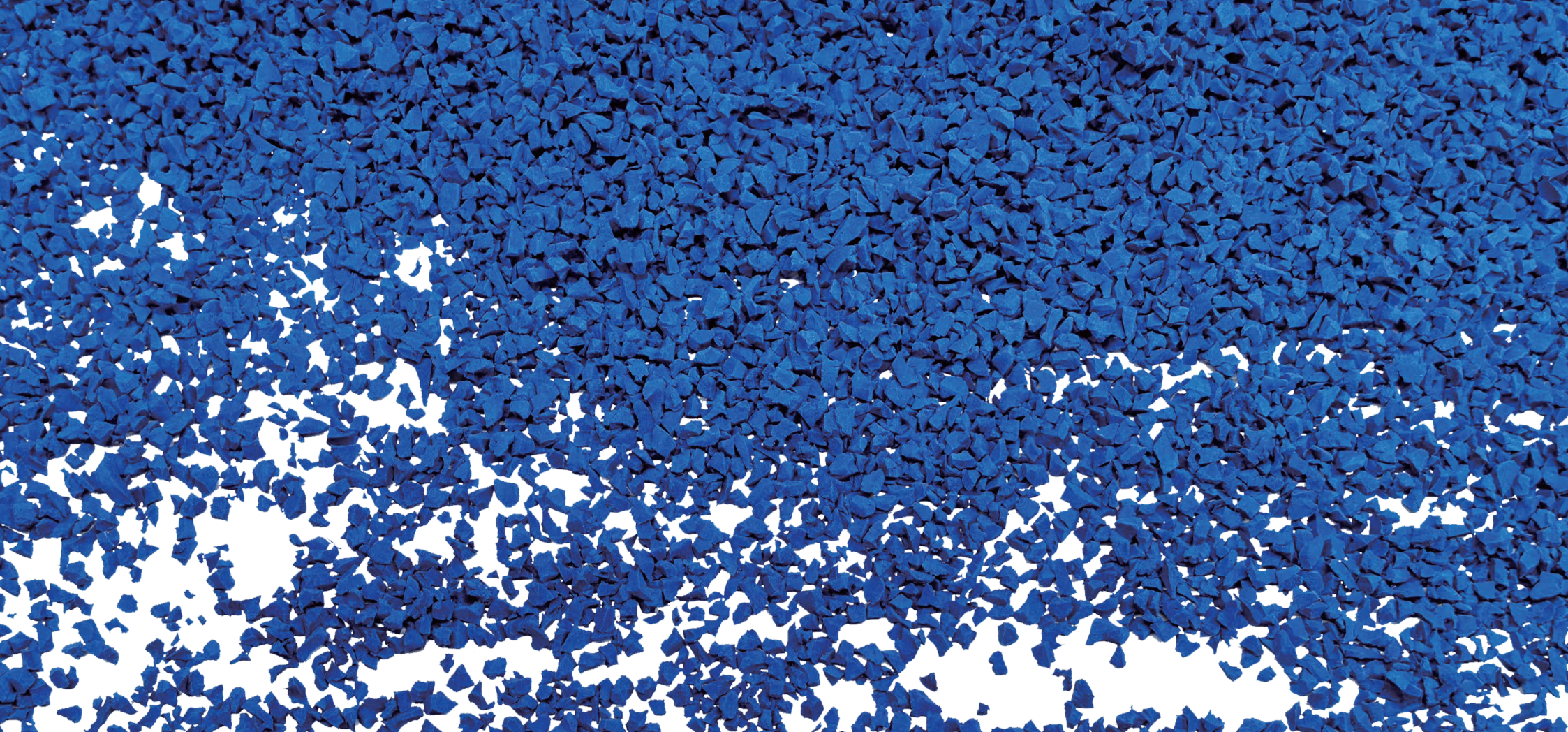


**Longer Lifespan**

## Application of FM-PU 1185 Polyurethane Adhesive







For high-intensity, frequently used areas with limited budgets, MDI adhesives are cost-effective choice. They offer excellent strength and durability, making them suitable for most outdoor sports fields.

For areas requiring long-term color retention and higher environmental standards, Aliphatic adhesives are the superior choice. Their outstanding UV resistance and environmental performance make them ideal for high-end tracks and professional sports venues.

By selecting the appropriate adhesive material based on specific usage requirements and budgets, you can ensure the best performance and longevity for your tracks. Contact our professional team to learn more about how FieldsMaster polyurethane adhesives can enhance your project!



# Partnering in Sport Fields Solutions

**8000+ Successful Projects**



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