



# Pliogrip™ 3242PC

MDI FREE 2-PART POLYURETHANE ADHESIVES



Adhesive solutions by **ARKEMA**

# MDI free 2-part polyurethane adhesives



Specific  
adhesion



Low  
modulus



MDI  
free

**MDI free 2-part polyurethane system**, designed to provide hydrolytically stable adhesive joints of polycarbonate “PC” and polycarbonate blends such as PC-PET, PC-PBT, PC-ABS without chemical or physical pre-treatment.

## FEATURES & BENEFITS

- » Tailored specific adhesion eliminates the need for chemical (barrier primer) or physical (plasma) preparation when bonding engineered polycarbonate materials
- » Fast cure for industrial assemblies at ambient conditions or heat accelerated
- » Mechanical properties in line with automotive OEM specifications for thermoplastic spoiler, headlamp, panel or liftgate assemblies
- » Provides joints with “Class A” optical appearance
- » A safer workplace :
  - Contains no aromatic diisocyanates (4,4-MDI)
  - Not CMR classified (carcinogenic, mutagenic, reprotoxic)
  - <0.1% monomeric diisocyanate - exempt from upcoming European use restriction for diisocyanate containing products

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<b>Chemistry</b>	Polyurethane (MDI free)
<b>Mix ratio</b>	100 : 400 by volume
<b>Mixed density</b>	1,20 kg/l
<b>Tensile strength</b>	3-4 MPa
<b>E-modulus</b>	9-11 MPa
<b>Elongation</b>	140-170%



Please, consult Arkema's disclaimer regarding the use of Arkema's products on [www.arkema.com/global/en/products/product-safety/disclaimer/](http://www.arkema.com/global/en/products/product-safety/disclaimer/)  
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