

# NeoCryl<sup>®</sup> A-1127

**Characterization** Self-cross-linking acrylic copolymer dispersion for flexo and gravure printing on flexible packaging films. The product combines excellent adhesion to various packaging films with very good chemical and physical resistance properties

**Form supplied** Form supplied is approximately in 44% water

**Applications** "Film properties:  
 - Good adhesion on PE, OPP, PA, Aluminium, PET  
 - Good chemical and physical resistance properties  
 Recommendations for end se  
 - Surface printing onto polyolefin 's  
 - Primer for WB, UV and Solvent based inks for plain and metalised BOPP and polyester films."

Specification Property	Value	Unit of measurement	Method
Appearance	Yellowish translucent liquid		GAP0059
Density at 20°C	1.05	g/cm <sup>3</sup>	GAP-0006
pH	7.3 - 7.9		GAP0016
Solids	43 - 45	%	GAP0001
Viscosity	25 - 175	mPa·s	GAP0020

Other data* Property	Value	Unit of measurement	Method
MFFT	7	°C	GAP-0011

\*These values provide general information and are not part of the product specification.

**Solubility / thinnability** NeoCryl A-1127 can be diluted with water.

**Storage** The resin should be stored indoors in original, unopened and undamaged container in a dry place at storage temperature between 5- 40 °C. Exposure to direct sunlight should be avoided.

**Storage time** Covestro represents that, for a period of 6 months (180 days) following the day of shipment as stated in the respective transport documents, the product will meet the specifications or values set forth in section "specifications or



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characteristic data" above, what ever is applicable, provided that the product is stored in full compliance with the storage conditions set forth in and referenced under section "storage" above and is otherwise handled appropriately. The lapse of the 6 months (180 days) period does not necessarily mean that the product no longer meets specifications or the set values. However, prior to using said product, Covestro recommends to test such a product if it still meets the specifications or the set values. Covestro does not make any representation regarding the product after the lapse of the 6 months (180 days) period and Covestro shall not be responsible or liable in any way for the product failing to meet specifications or the set values after the lapse of the 6 months (180 days) period.

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## Other Information

NeoCryl<sup>®</sup> is a registered trademark of the Covestro Group.

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## Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further information contact your Covestro LLC representative or the Product Safety and Regulatory Affairs Department in Pittsburgh, PA

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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you utilize our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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