

# EXCEVAL™ AQ-4104

Ethylene Vinyl Acetate Copolymer

Kuraray Co., Ltd.

## Message:

Exceval™ is the trademark of Kuraray's novel water soluble polymer, specially designed for "high water resistance". It is commonly known that fully hydrolyzed polyvinyl alcohol shows higher water resistance based on the higher crystallinity than that of partially hydrolyzed polyvinyl alcohol, but "viscosity stability" is the critical problem. Exceval™ achieves the compatibility of both performances, "high water resistance" and "viscosity stability" based on Kuraray's accumulated technology.

Fully hydrolyzed grade

General Information			
Features	Biodegradable		
	Copolymer		
	Low to No Water Absorption		
	Medium Viscosity		
	Water Soluble		
Uses	Adhesives		
	Coating Applications		
	Paper Coatings		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Solution Viscosity <sup>1</sup>	4 to 5	mPa · s	JIS K6726
Ash Content <sup>2</sup>	0.40	%	
Volatile Matter <sup>3</sup>	5.0	%	JIS K6726
Degree of Hydrolysis	98 to 99	%	
NOTE			
1.	4 % aqueous solution at 20 °C determined by Brookfield viscometer		
2.	Calculated as Na2O		
3.	After 3 hours' drying at 105 °C. Methanol content: less than 3 %.		

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