

## Pluract 12+

### Description:

#### COMMERCIAL NAME

Pluract™ 12+

#### SYNONYMS

Alkylated Heavy Fraction, AFP

#### ASPECT

Light yellow liquid

### PROPERTIES AND CHARACTERISTICS

- Hydrocarbon Solvent;
- Heavy solvent with evaporation rate of 0,2 (n-butyl acetate=100) and aniline point of 33°C;
- It presents very low concentration of naphthenic compounds;
- High purity solvent that has very low concentration of aliphatic compounds;
- Flash point higher than 60°C increases the handling safety.

### MAIN APPLICATIONS

- Agrochemical defensive formulations;
- Lubricants and protective oils;
- Casting resins.

### Applications:

Agro defensives, Lubricants, Foundry resin, Oil and gas, Metal working

### Specification:

Feature	Method	Units	Values
Acidity	ASTM D847	mg NaOH/100 ml	1,5 max.
Water	ASTM E203	ppm mass	300 max.
Appearance			Límpida e clara ou límpida e amarelada
Benzene	ASTM D2360	ppm mass	100 max.
Color (Pt/Co)	ASTM 1500	-	5 max.
Relative Density (20/4°C)	ASTM D4052	-	0,860 - 0,930
Initial Boiling Point (IBP)	ASTM D850	°C	200 min.
Final Boiling Point (FBP)	ASTM D850	°C	350 max.
Mixed Aniline Point	ASTM D611	°C	35 max.
Flash Point			80 min.
Toluene	ASTM D2360	ppm mass	500 max.

Feature	Method	Units	Values
Kinematic Viscosity at 37,8°C	ASTM D445	cSt	2,4 min.
Flash Point (closed cup)	ASTM D93	°C	80 min.

#### Final Remarks:

1. The properties and values contained in the quality certificate must be considered as a guarantee of the product. For typical values, when provided, the information is given in good faith and obtained in our laboratories, and should not be considered as absolute or as a guarantee.
2. For any doubt concerning material handling or application, please contact the Technical Services area.
3. For safety, handling, personal protection, first aid, and waste disposal information, refer to the MSDS - Material Safety Data Sheet.
4. The mentioned values in this report can be changed at any moment without Braskem previous communication.
5. Shelf Life: Two years from the date of issuance of the quality certificate, provided that the storage conditions informed in the MSDS (Material Safety Data Sheet) are maintained.